

The Integrated Detector Sample Cell

FIG.1

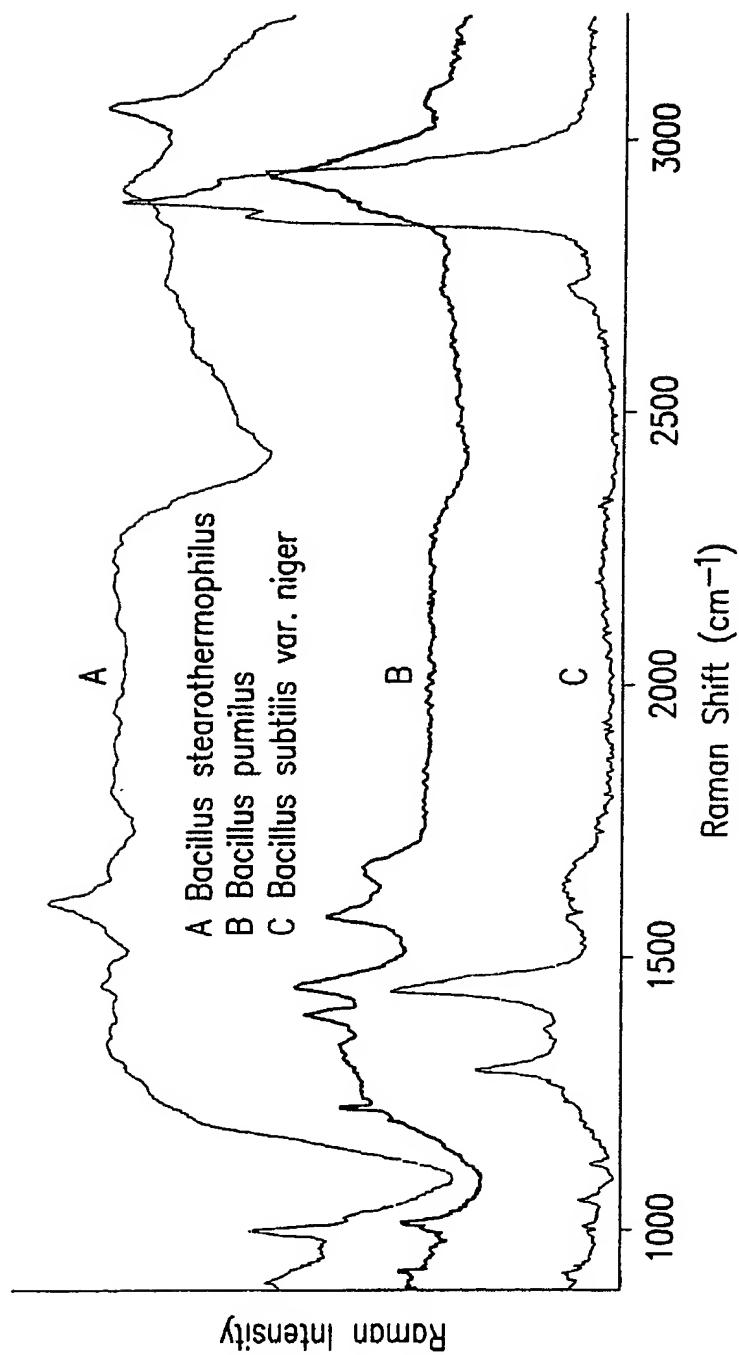


FIG. 2A

Brightfield Transmittance Image

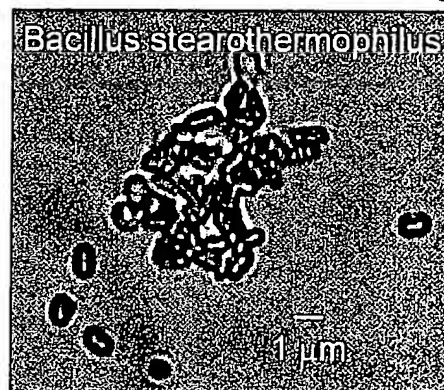


FIG. 2B

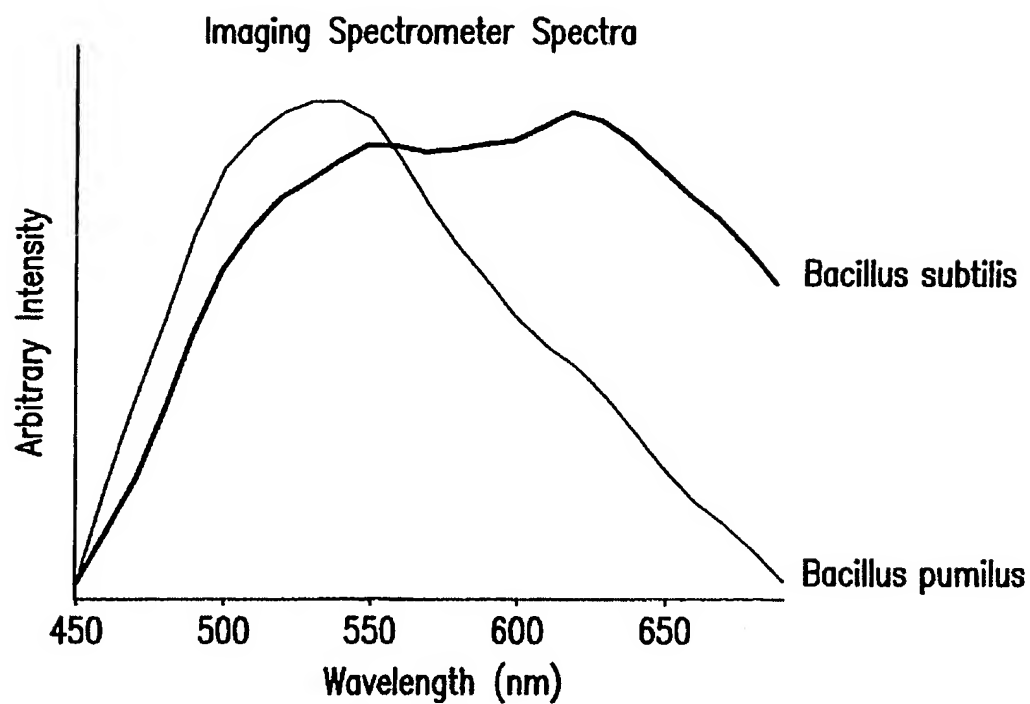


FIG.3A

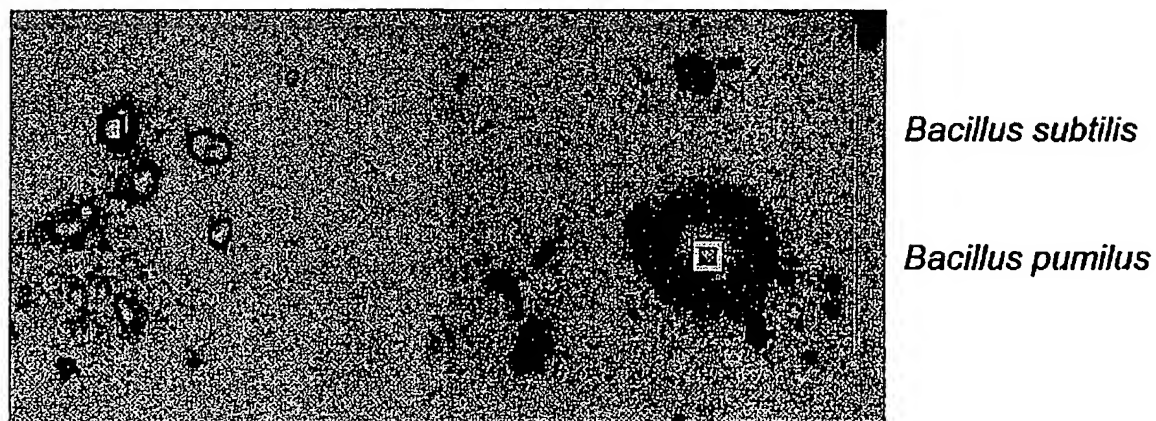
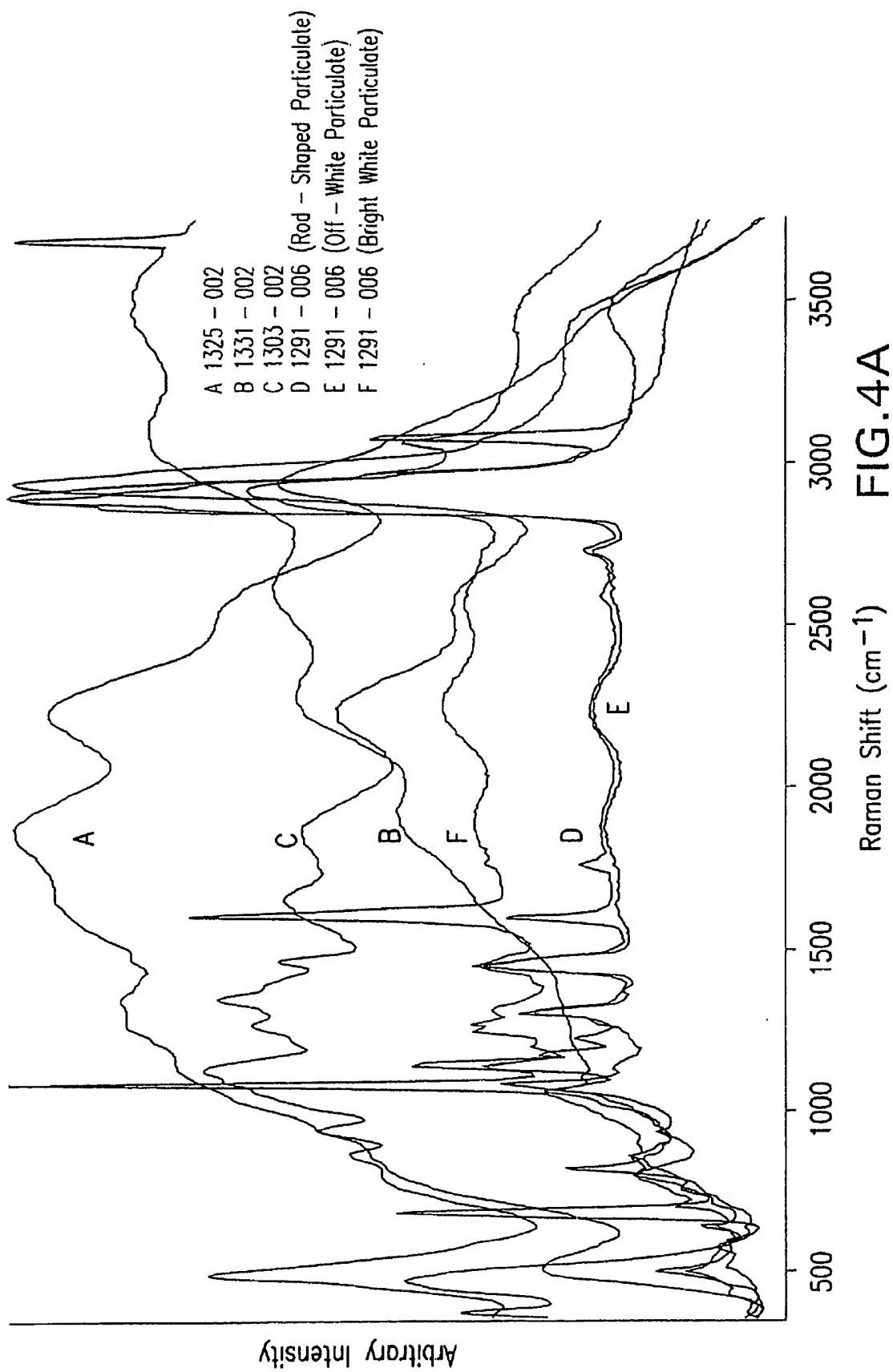
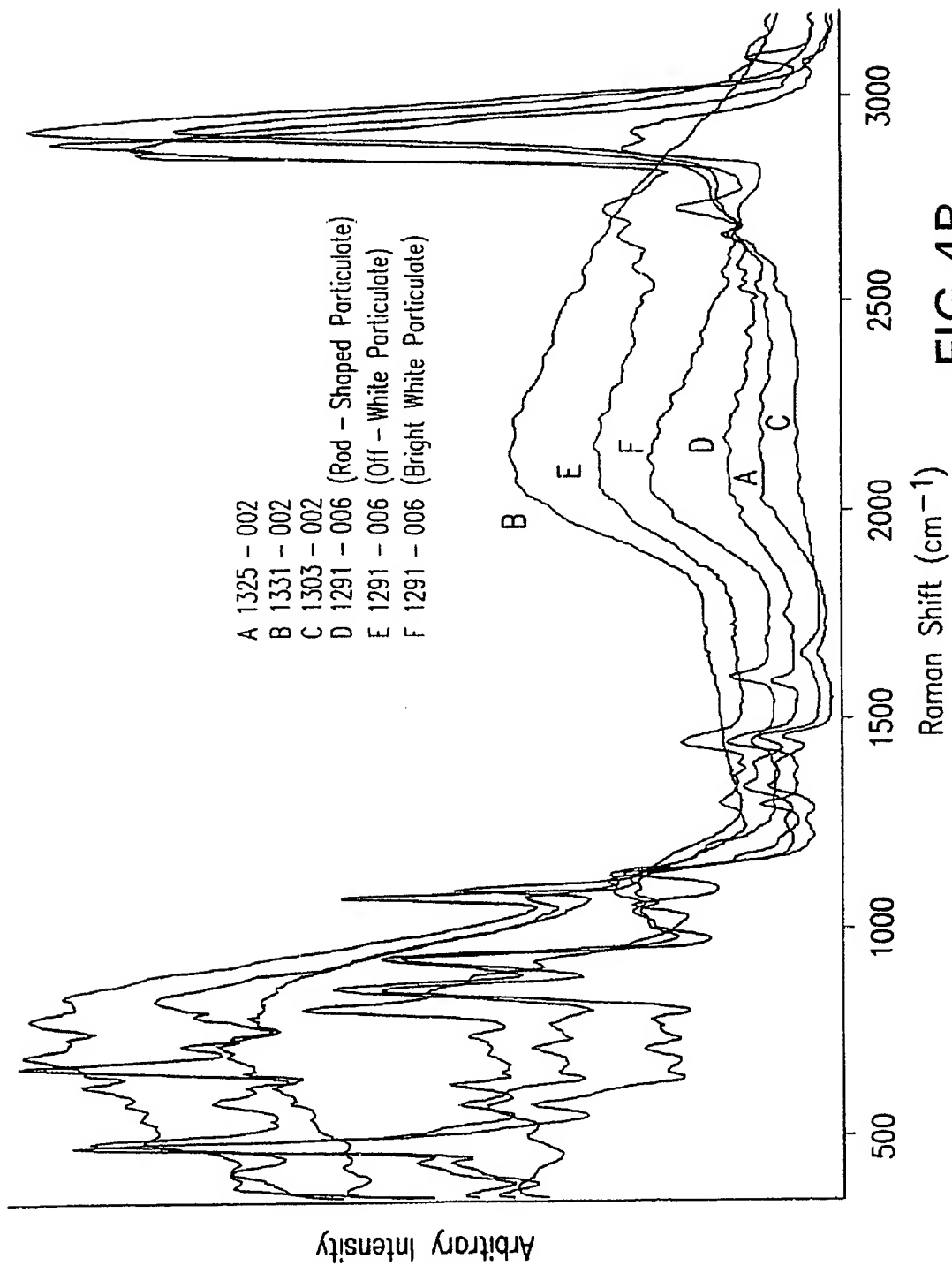


FIG.3B





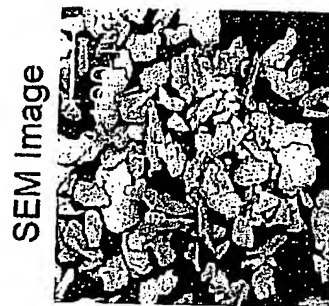
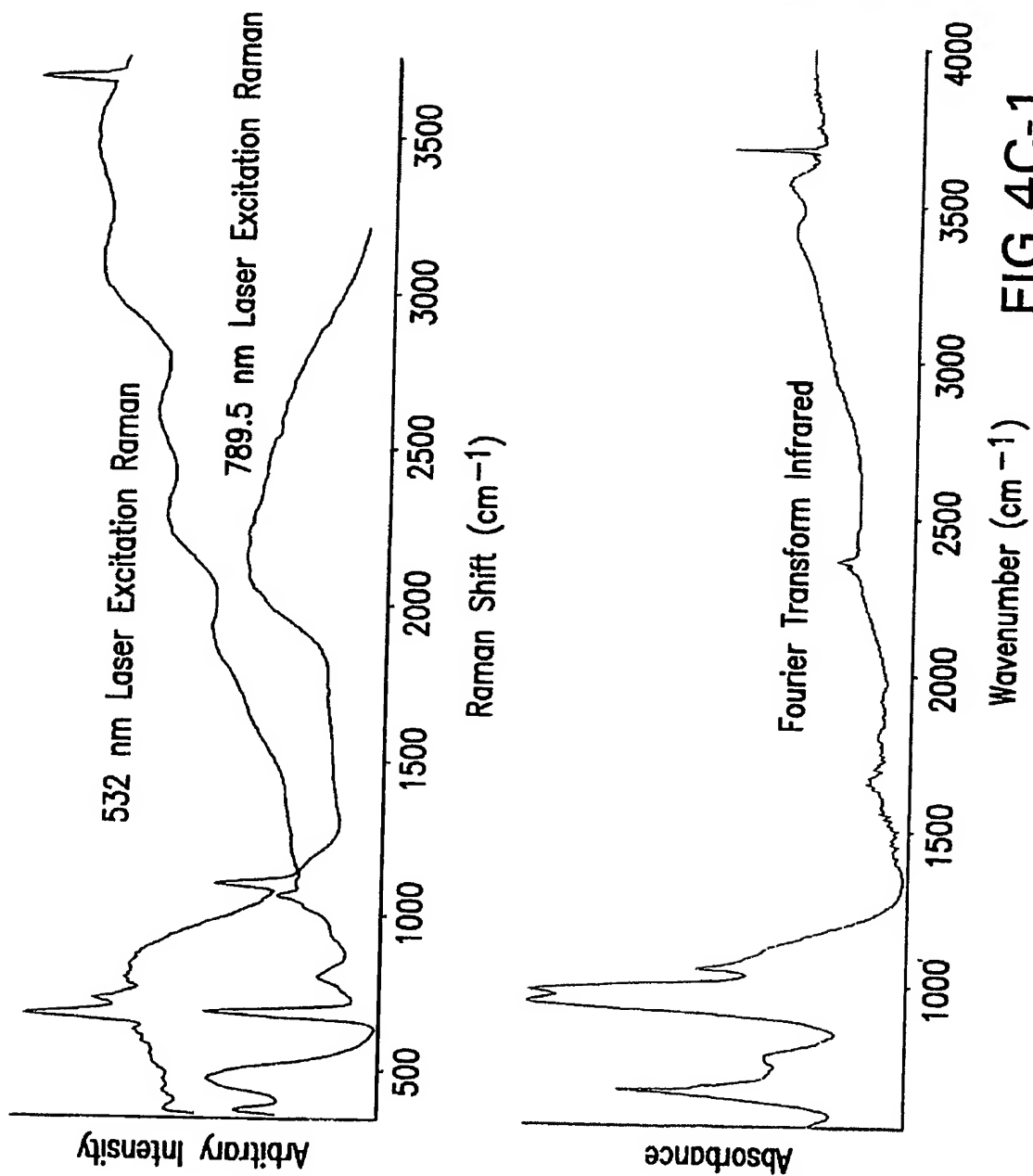


FIG. 4C-2

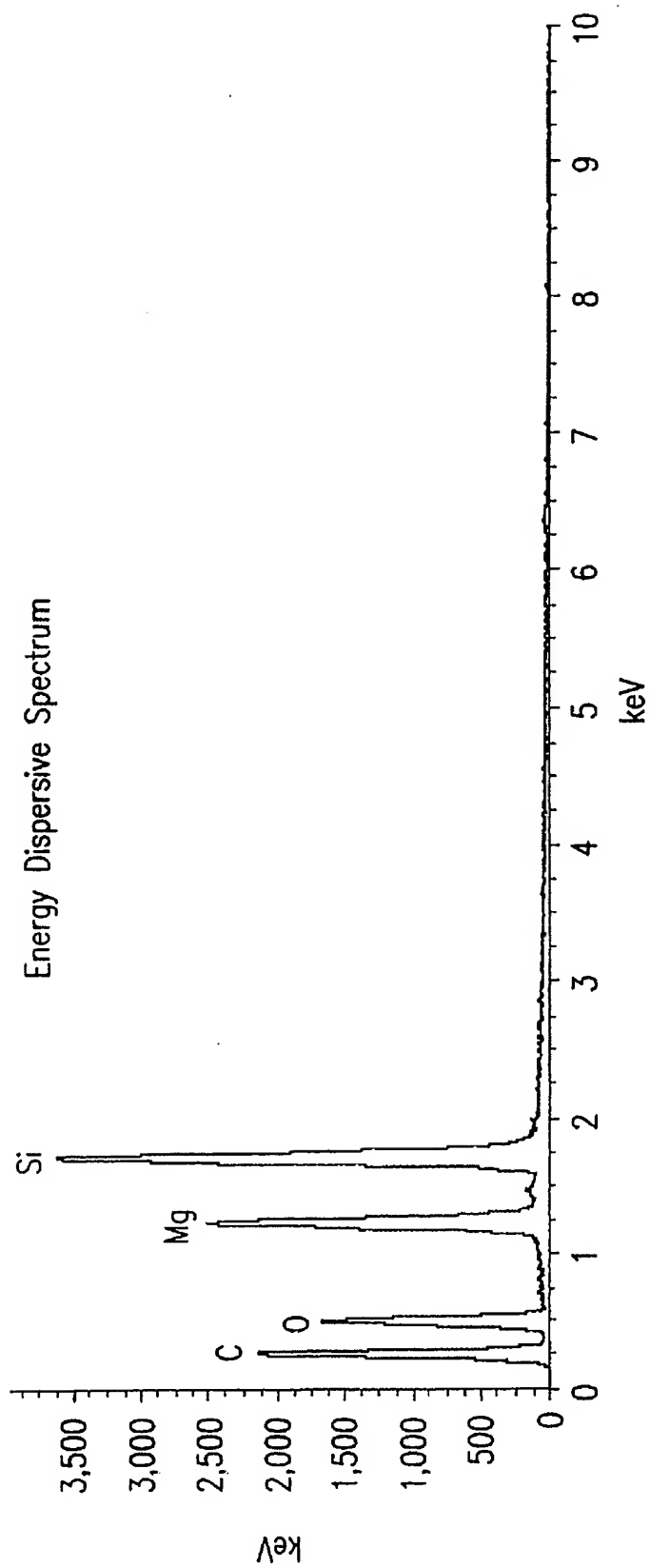


FIG. 4D-1

Backscattered Electron Image

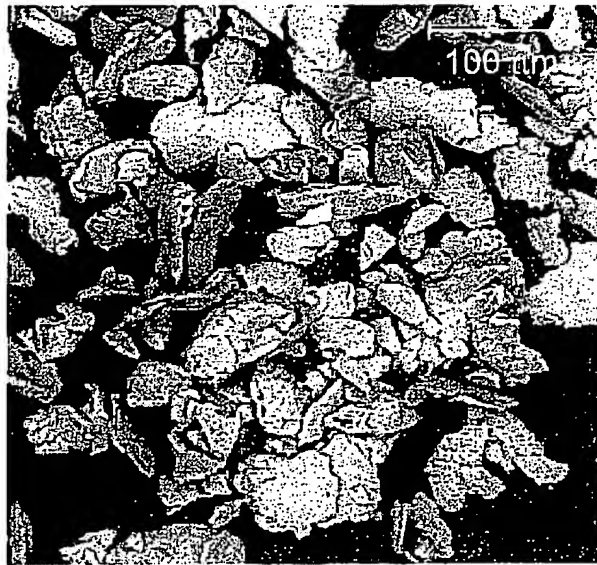


FIG.4D-2

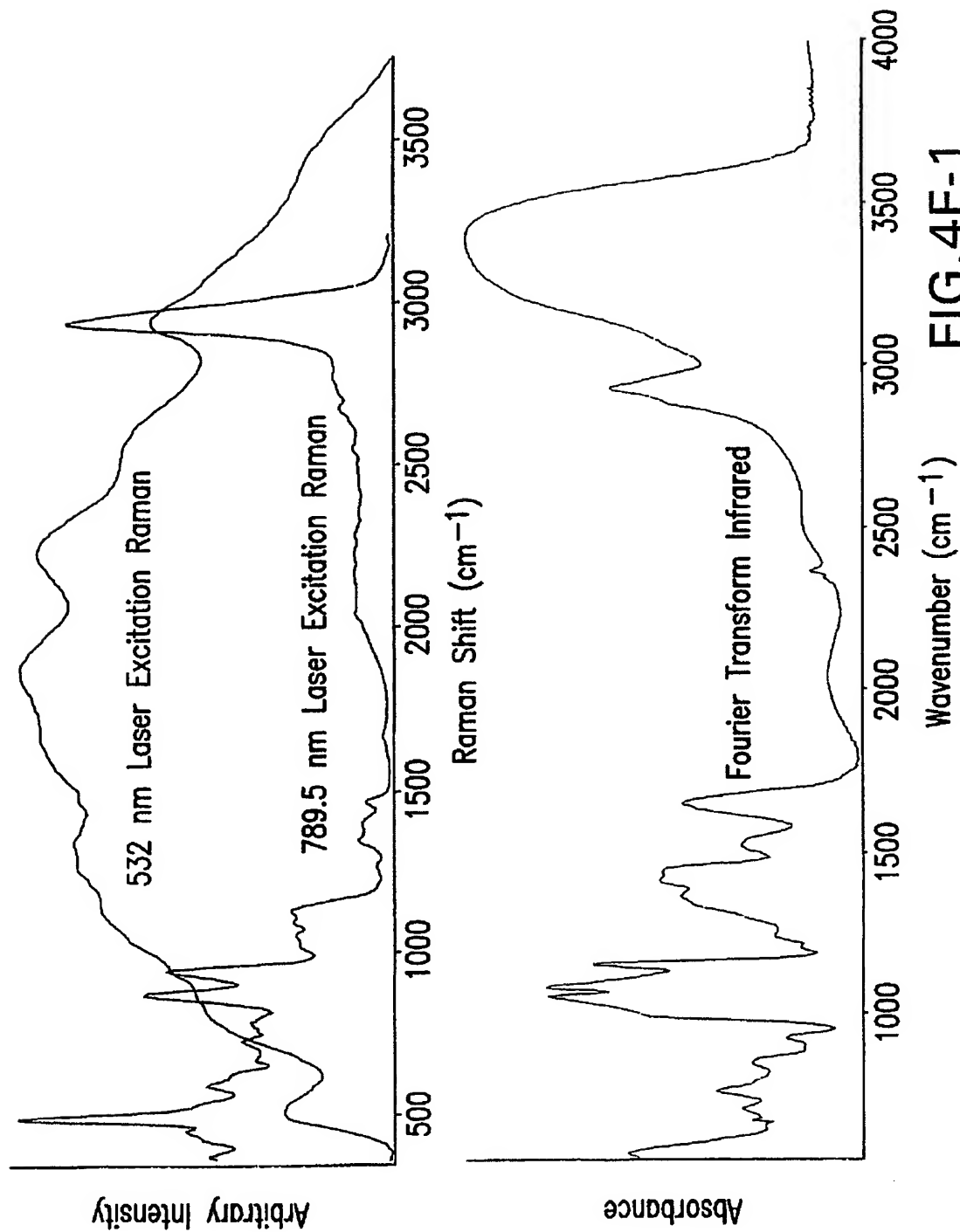


FIG. 4E-2

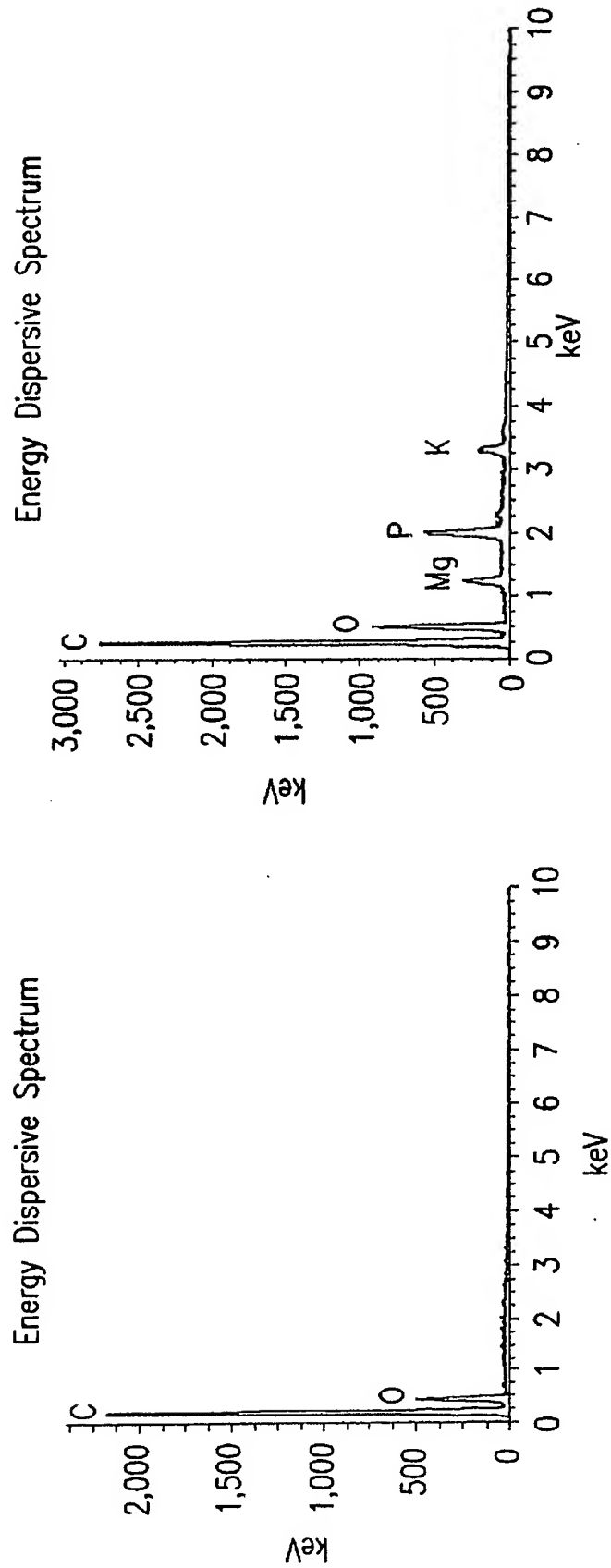
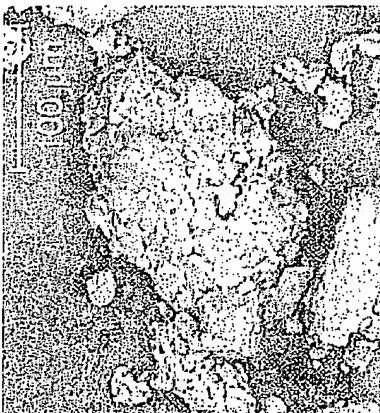
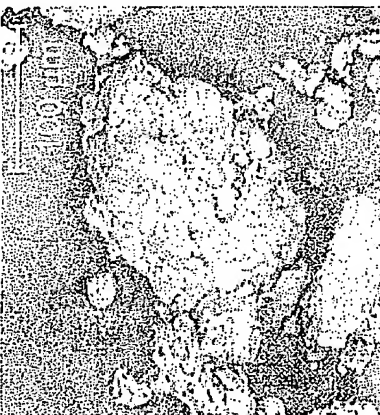


FIG. 4F-1

Backscattered Electron Image



Backscattered Electron Image



Polarized Light Image

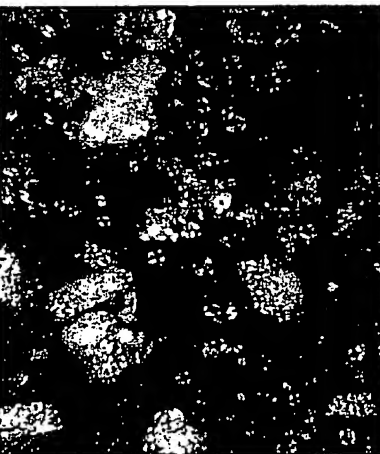


FIG. 4F-2

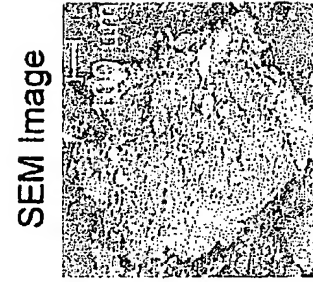
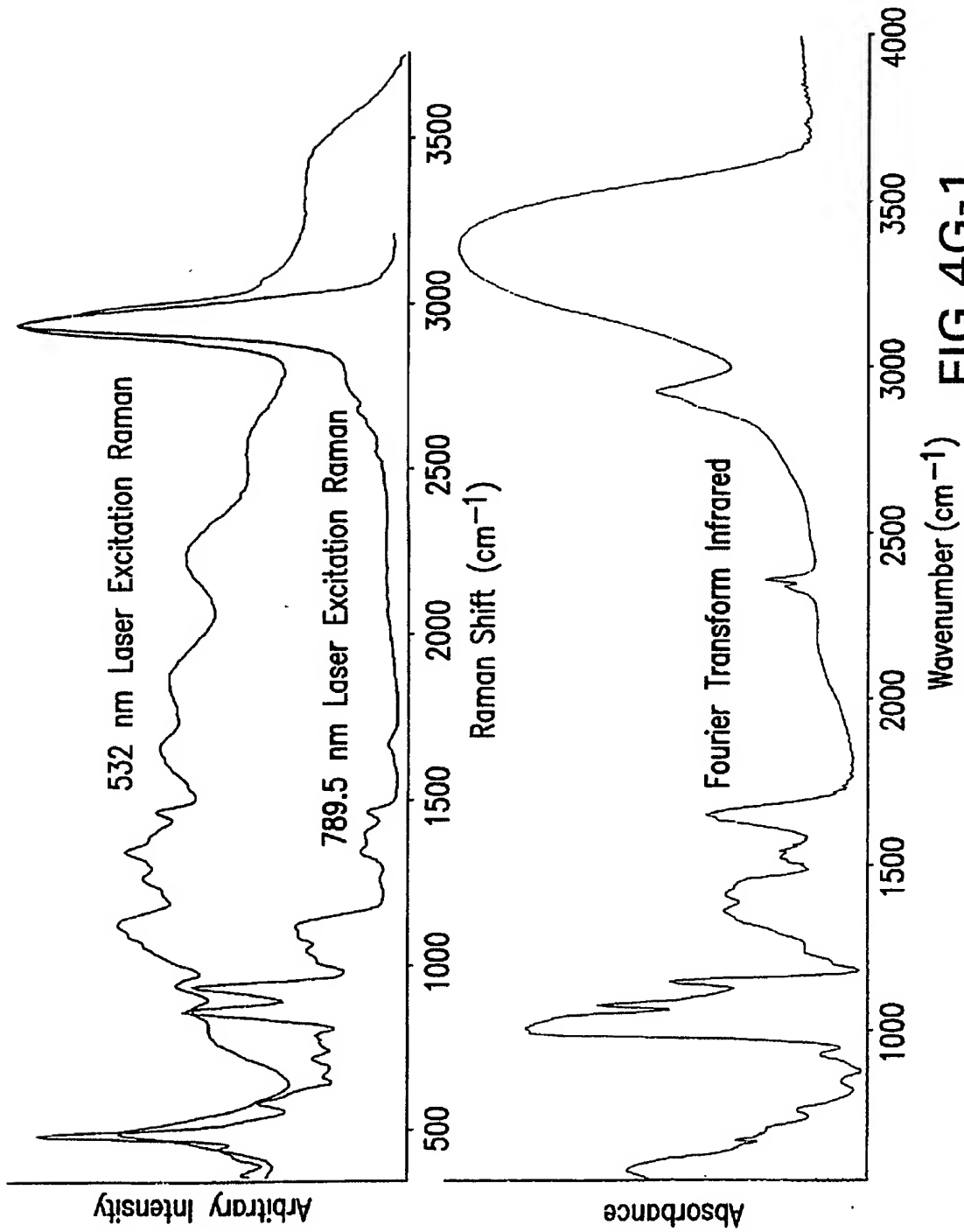


FIG. 4G-2

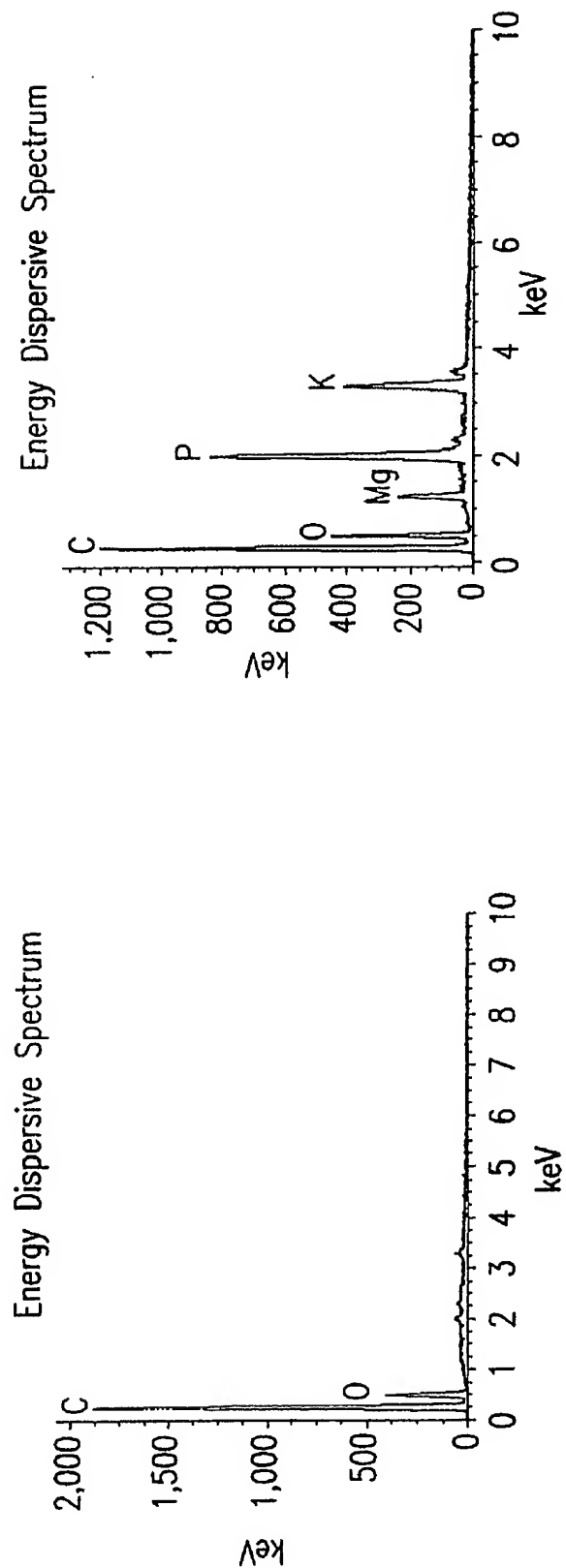
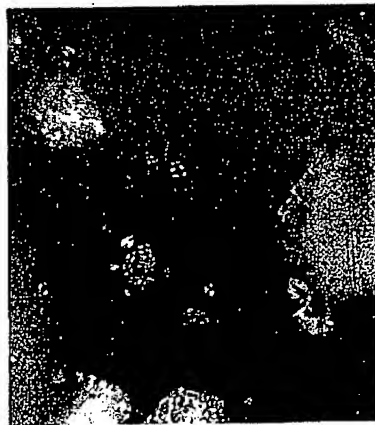


FIG. 4H-1

Polarized Light Image



Backscattered Electron Image



Backscattered Electron Image



FIG. 4H-2

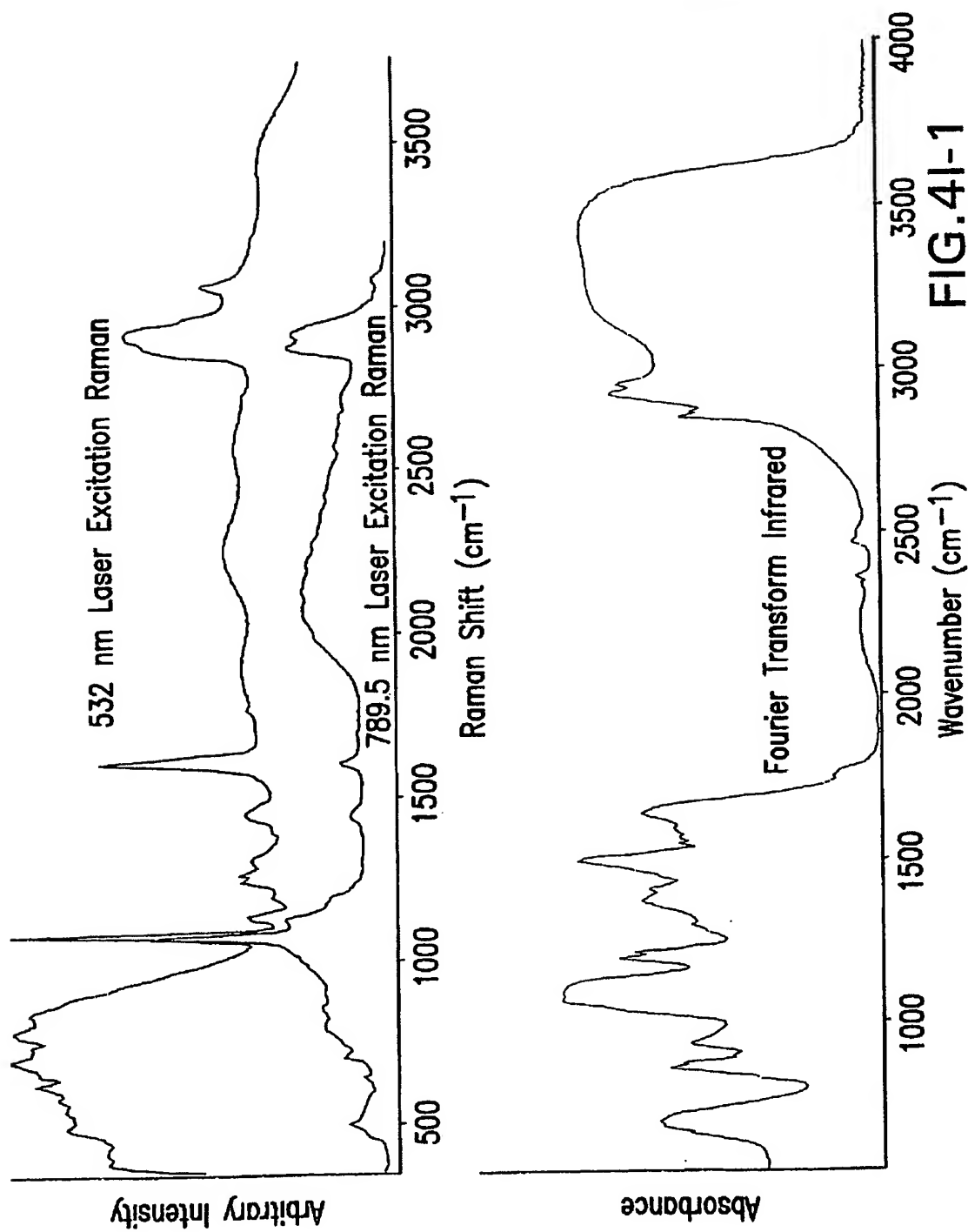
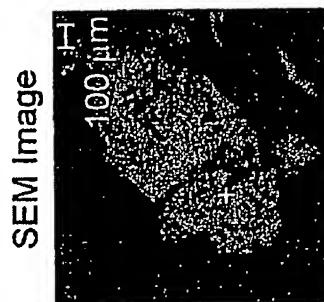


FIG. 4I-1



SEM Image

FIG. 4I-2

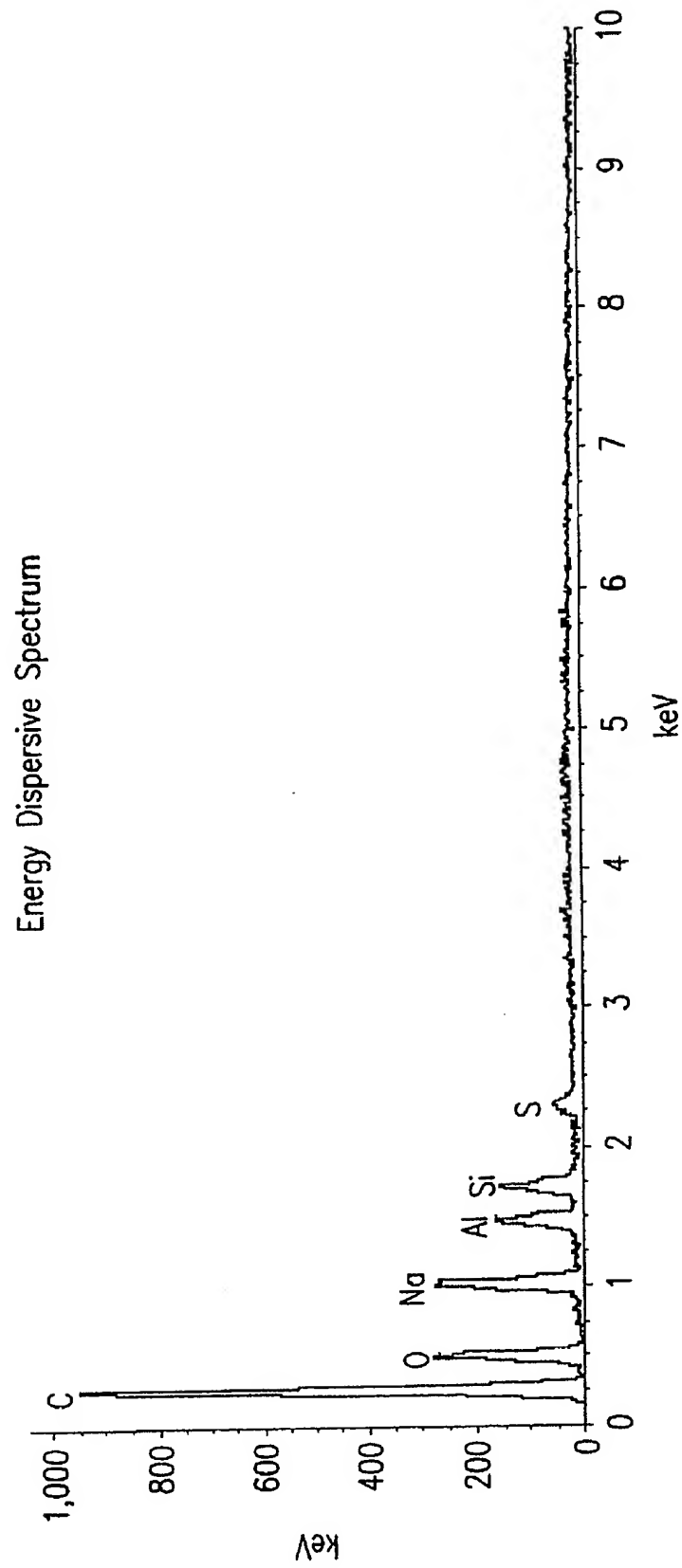


FIG. 4J-1

Backscattered Electron Image

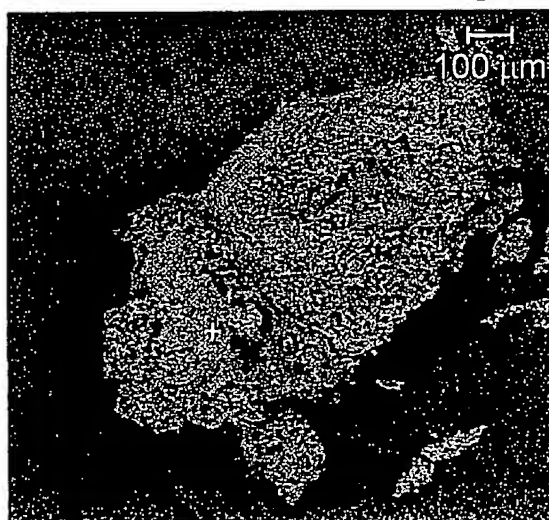


FIG.4J-2

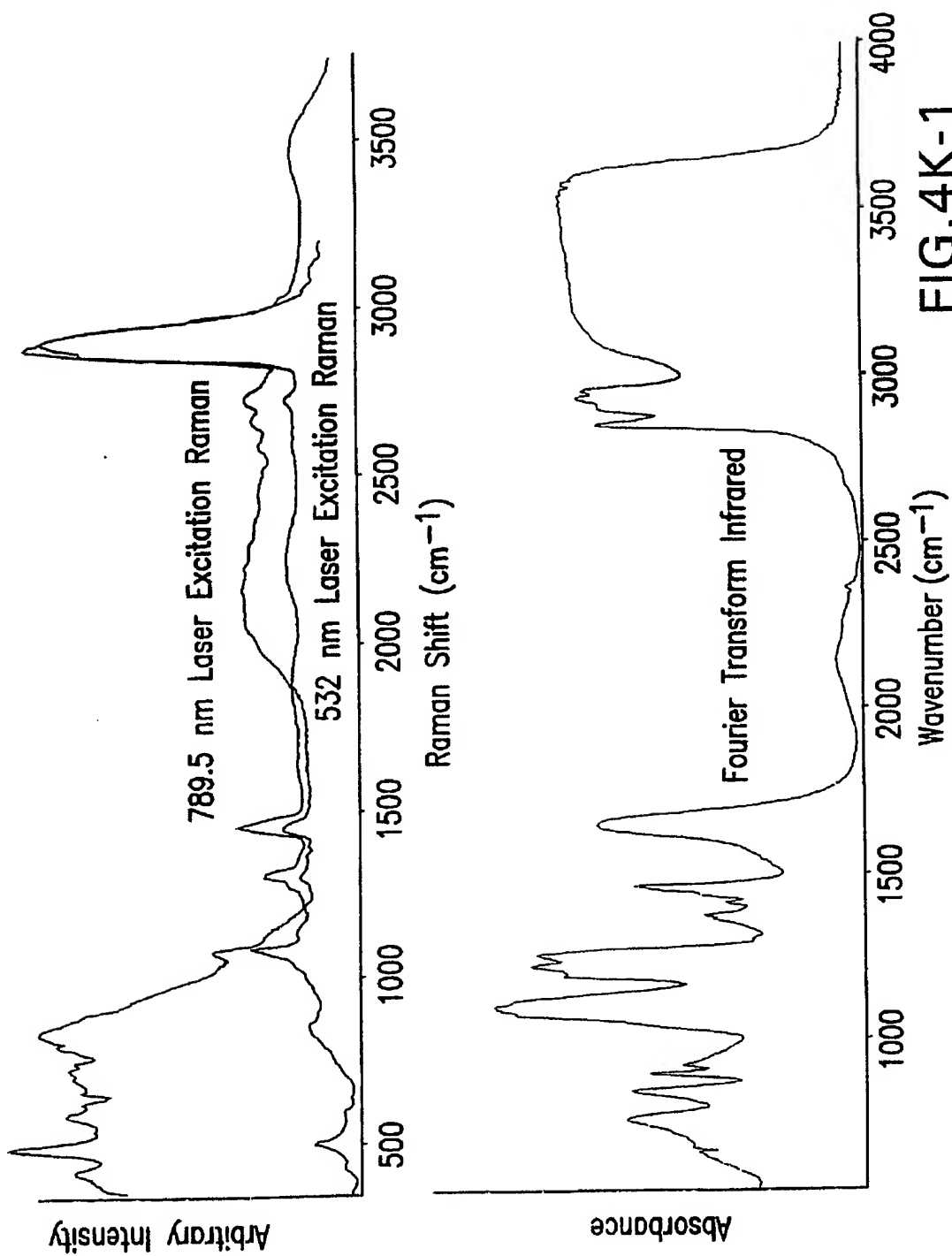


FIG. 4K-1

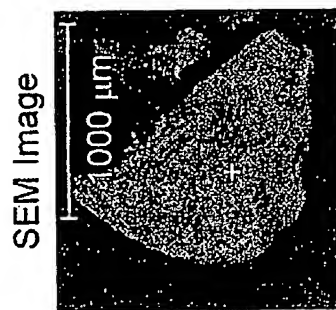


FIG. 4K-2

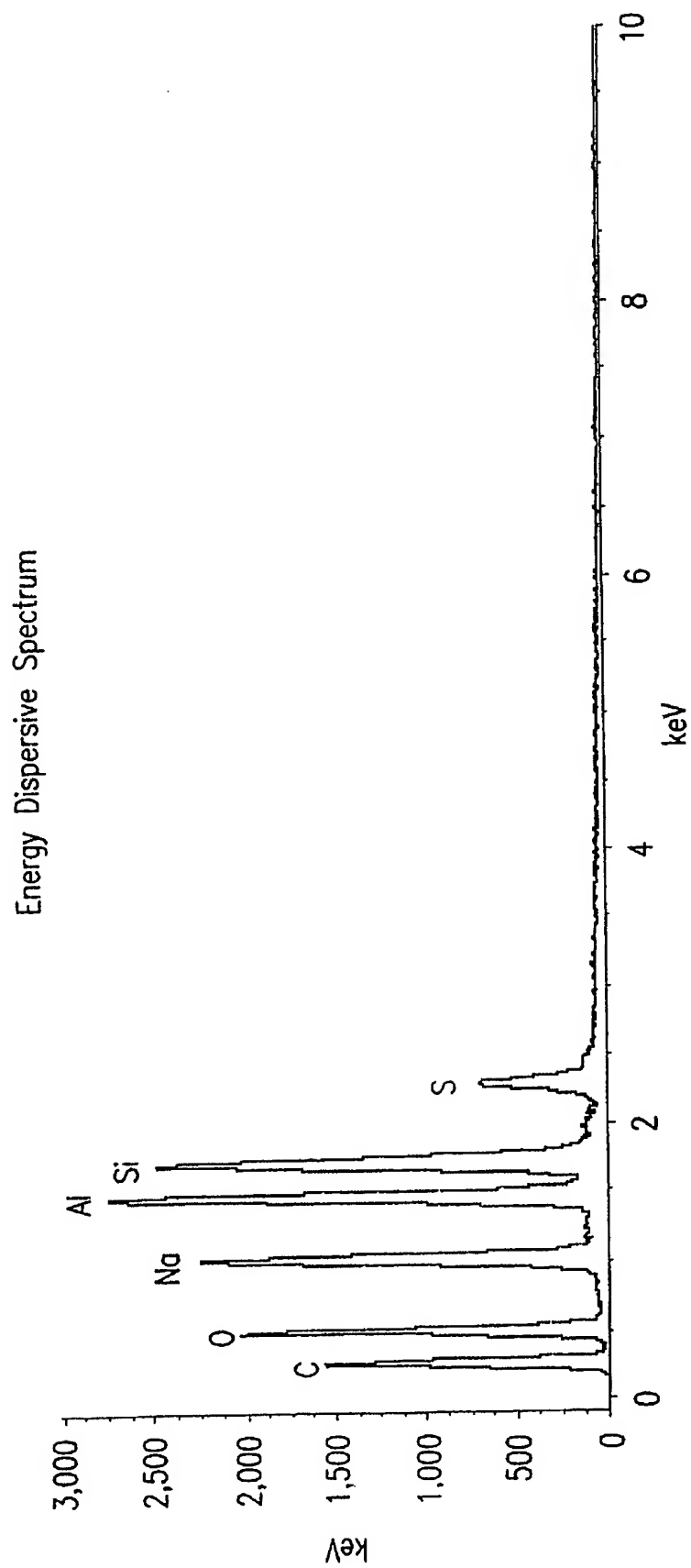


FIG.4L-1

Backscattered Electron Image

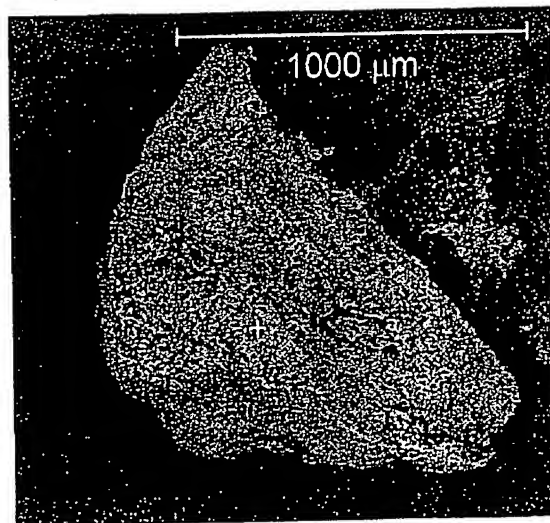


FIG.4L-2

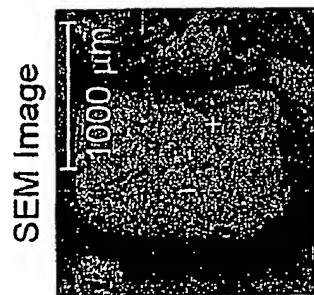
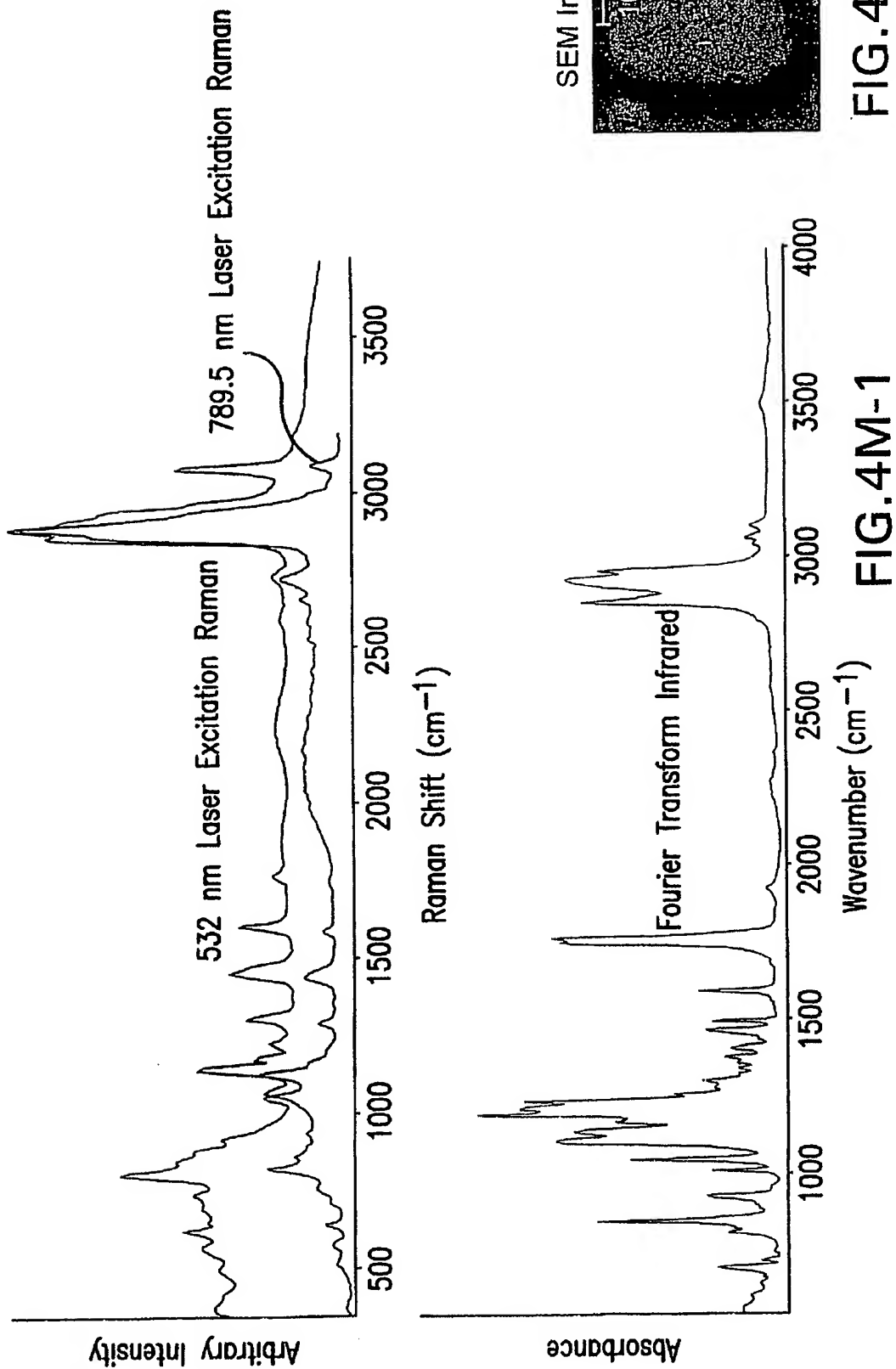


FIG. 4M-2

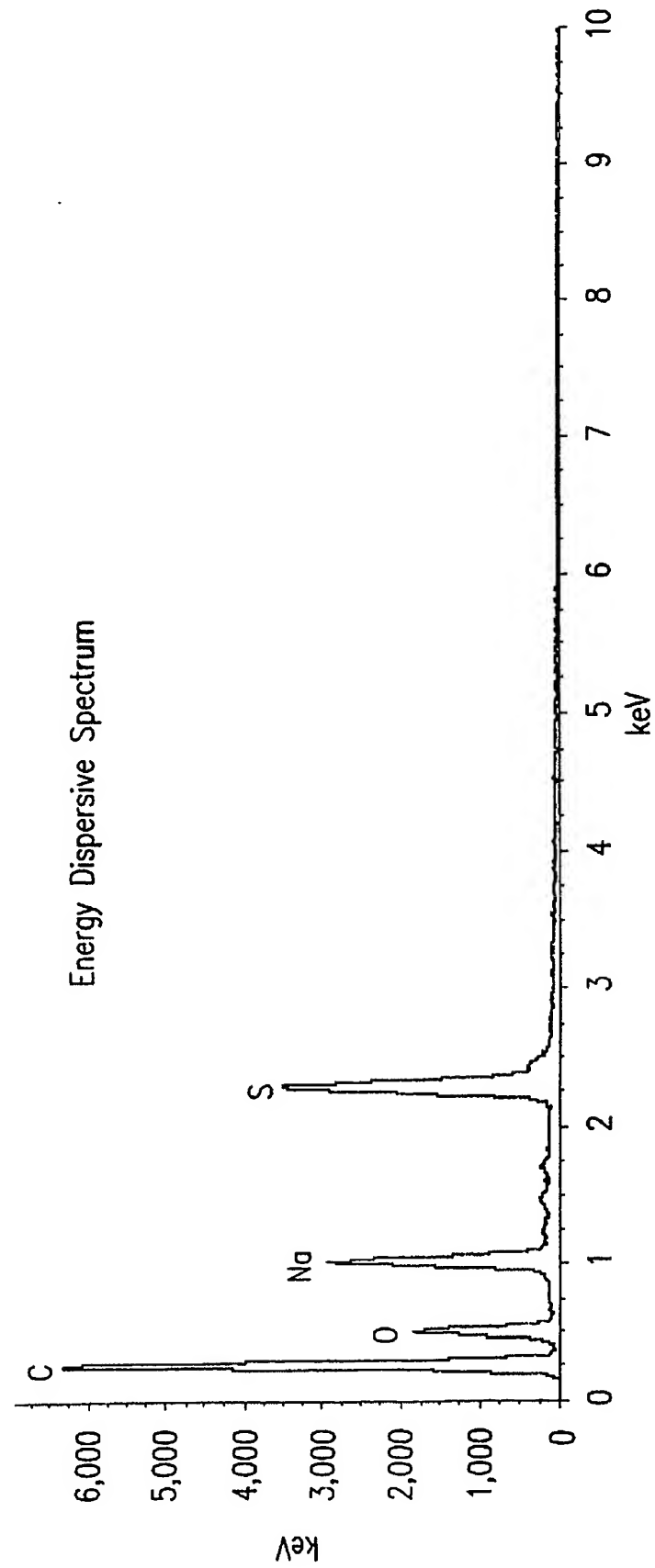


FIG. 4N-1

Backscattered Electron Image

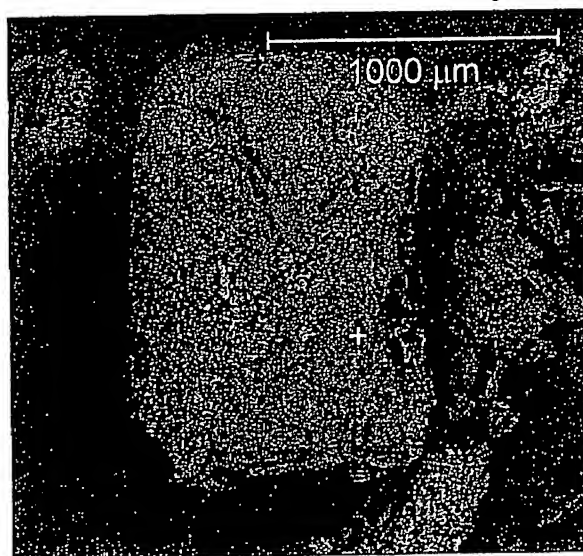
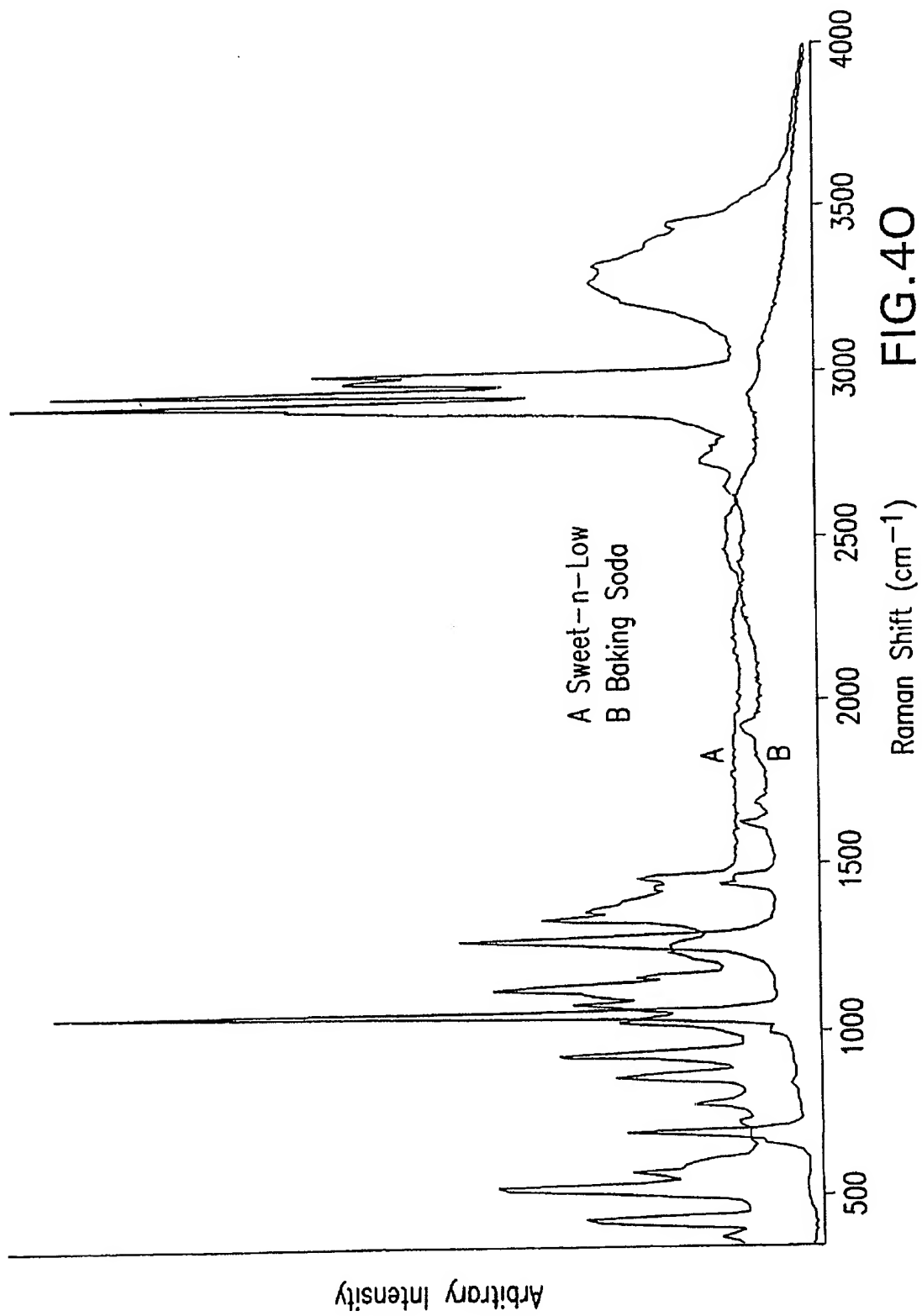


FIG.4N-2



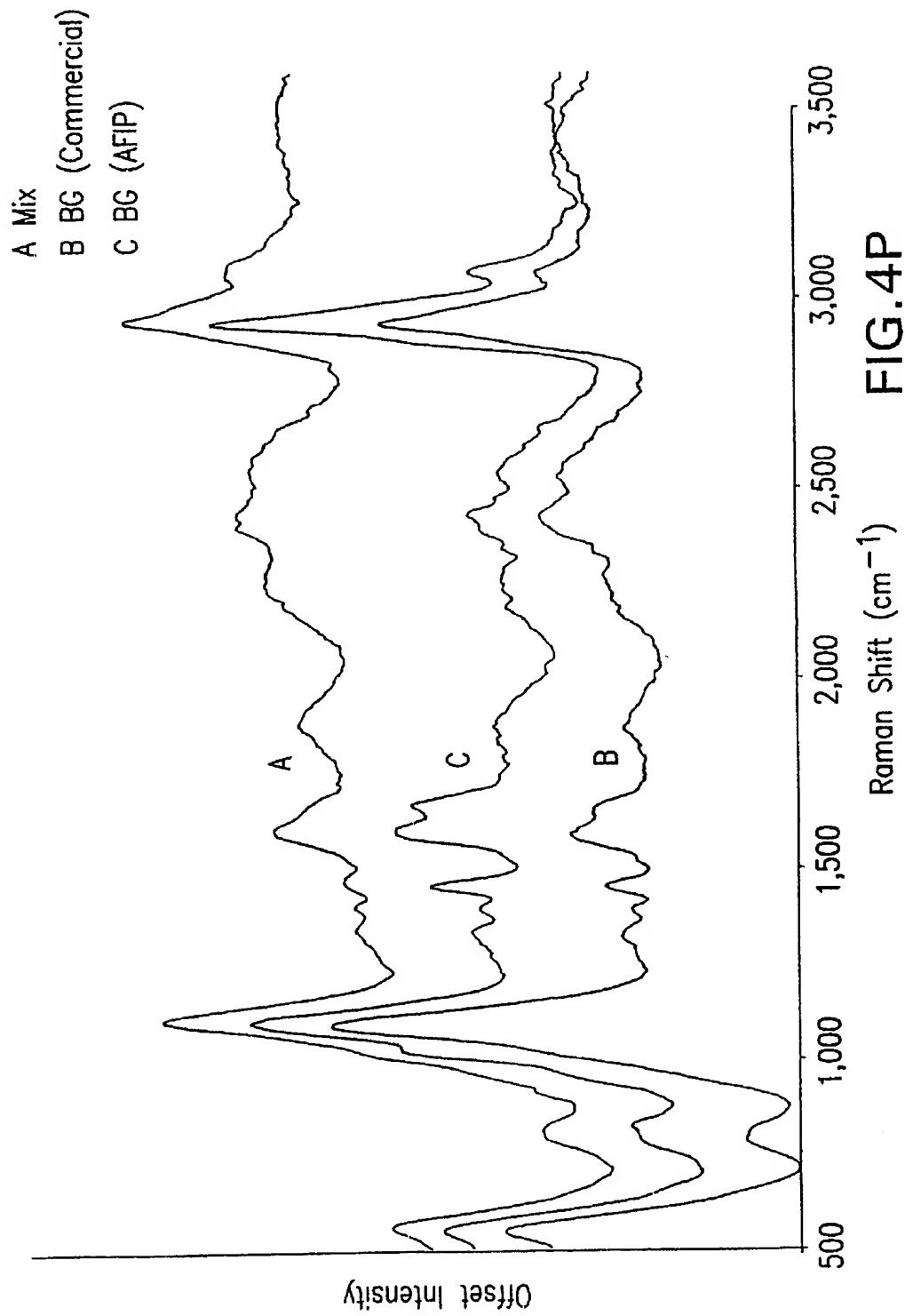


FIG. 4P

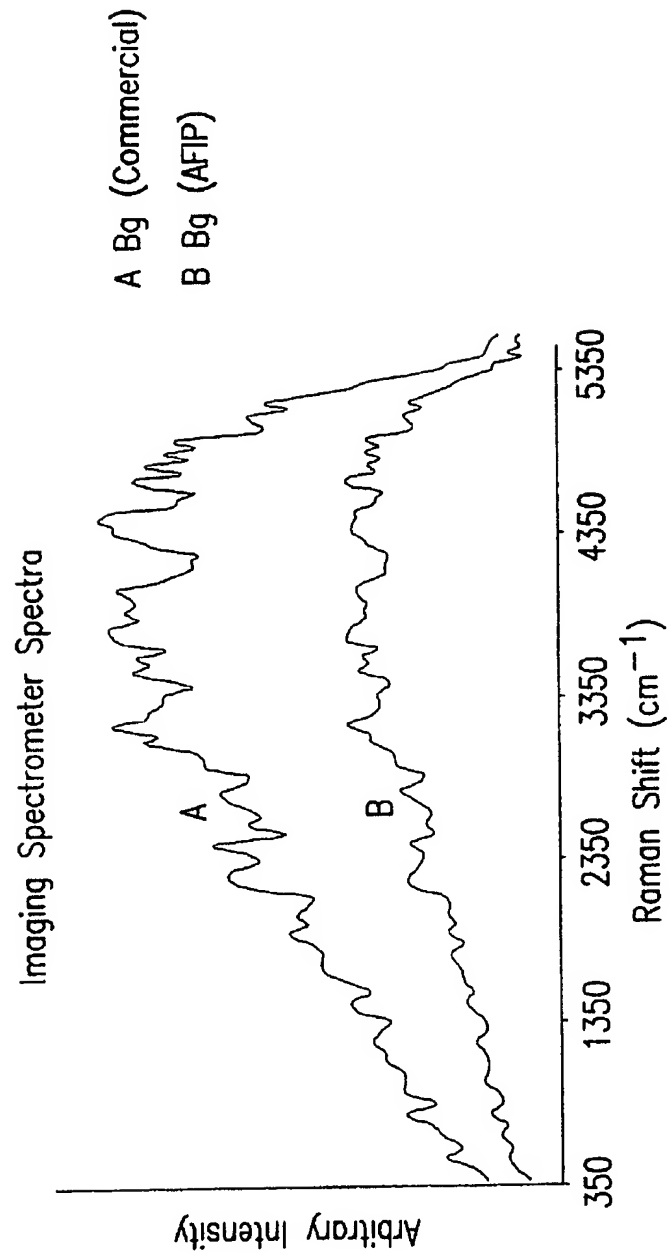


FIG. 4Q-1

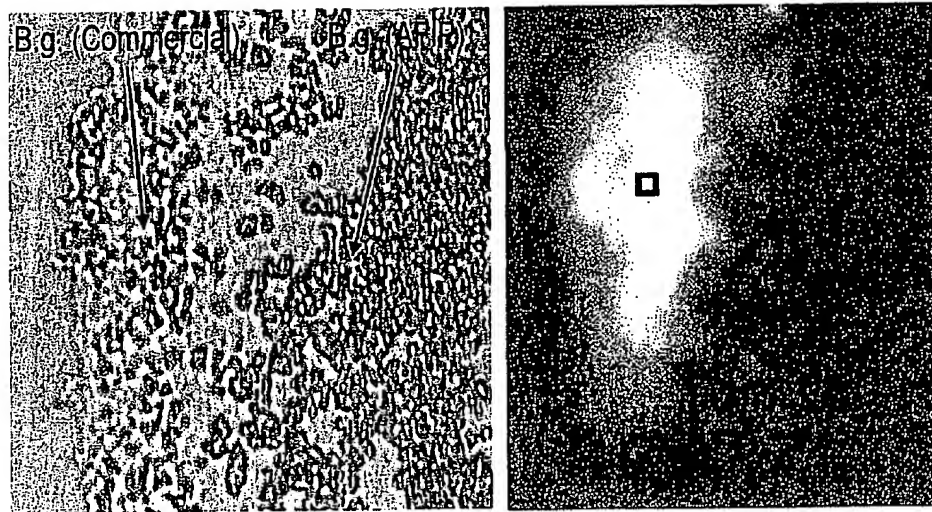


FIG.4Q-2

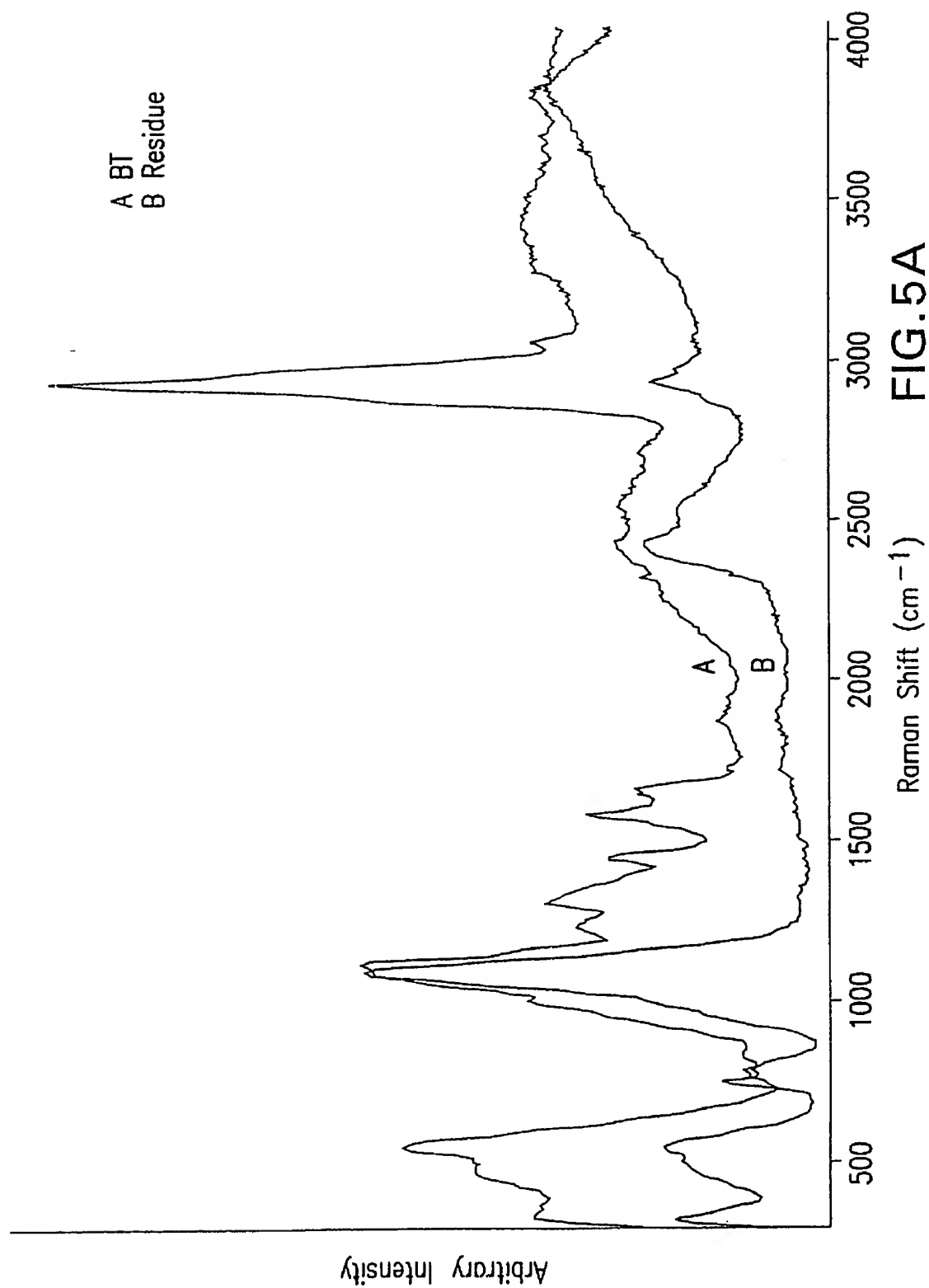


FIG. 5A

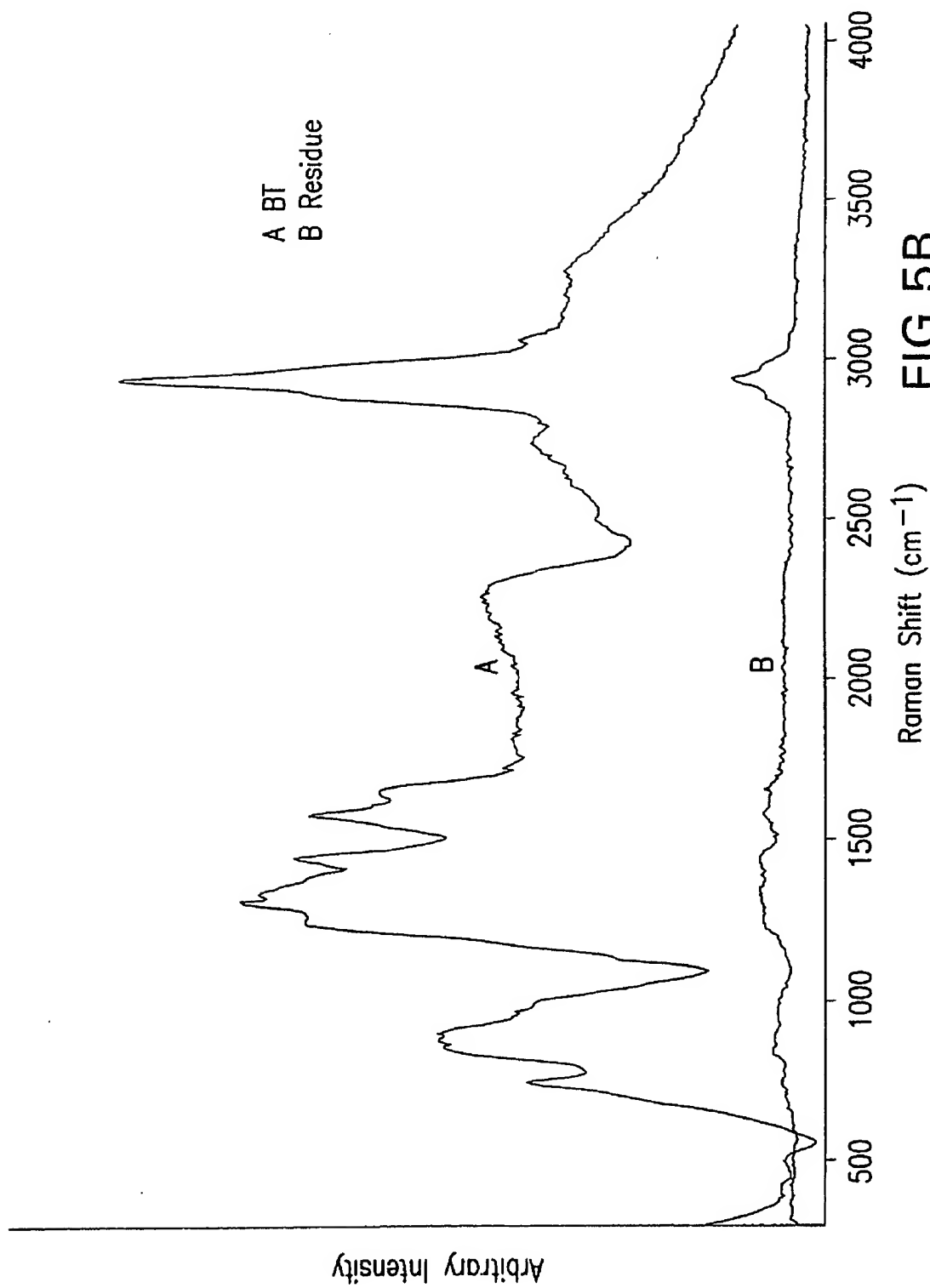
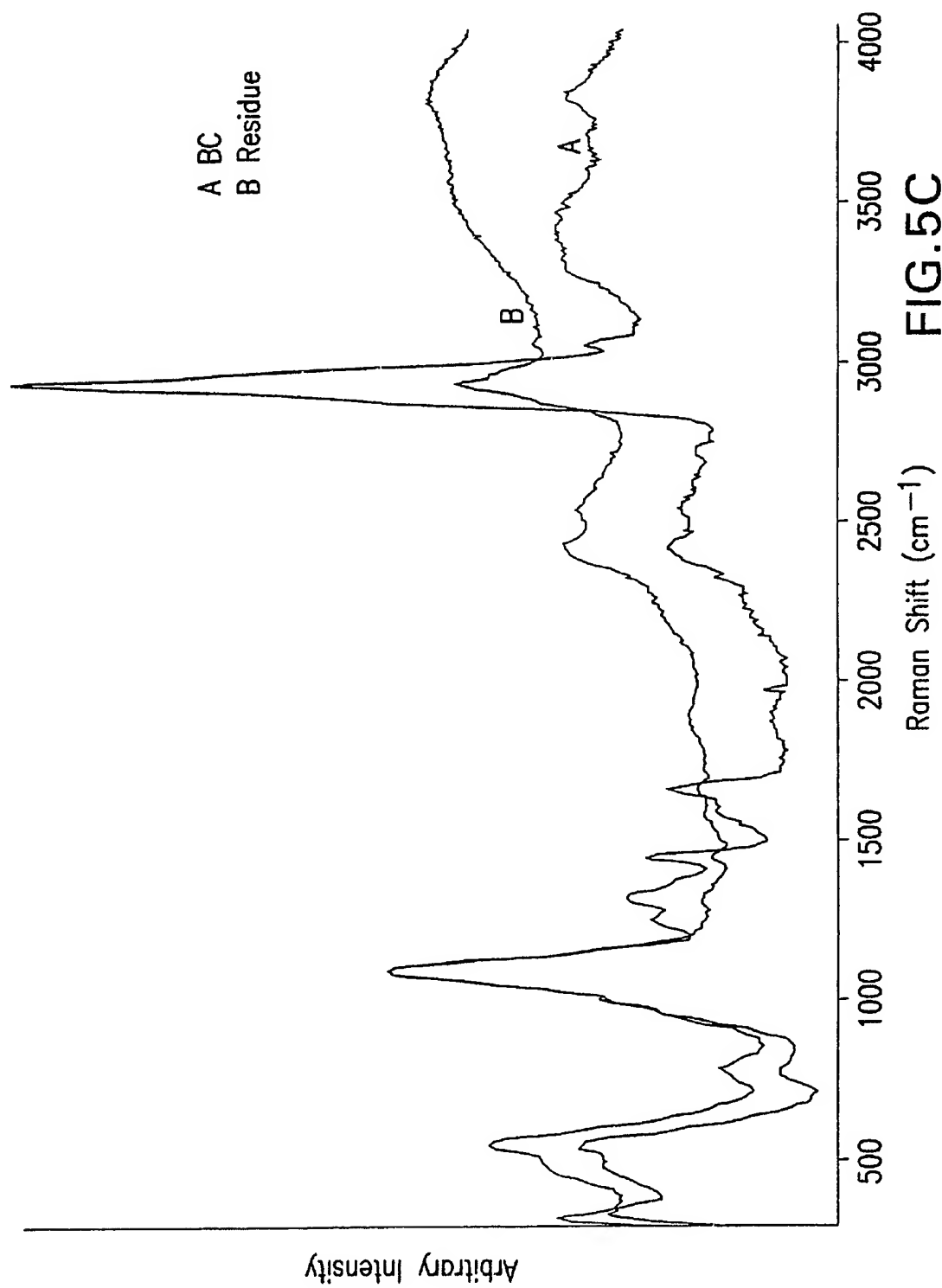
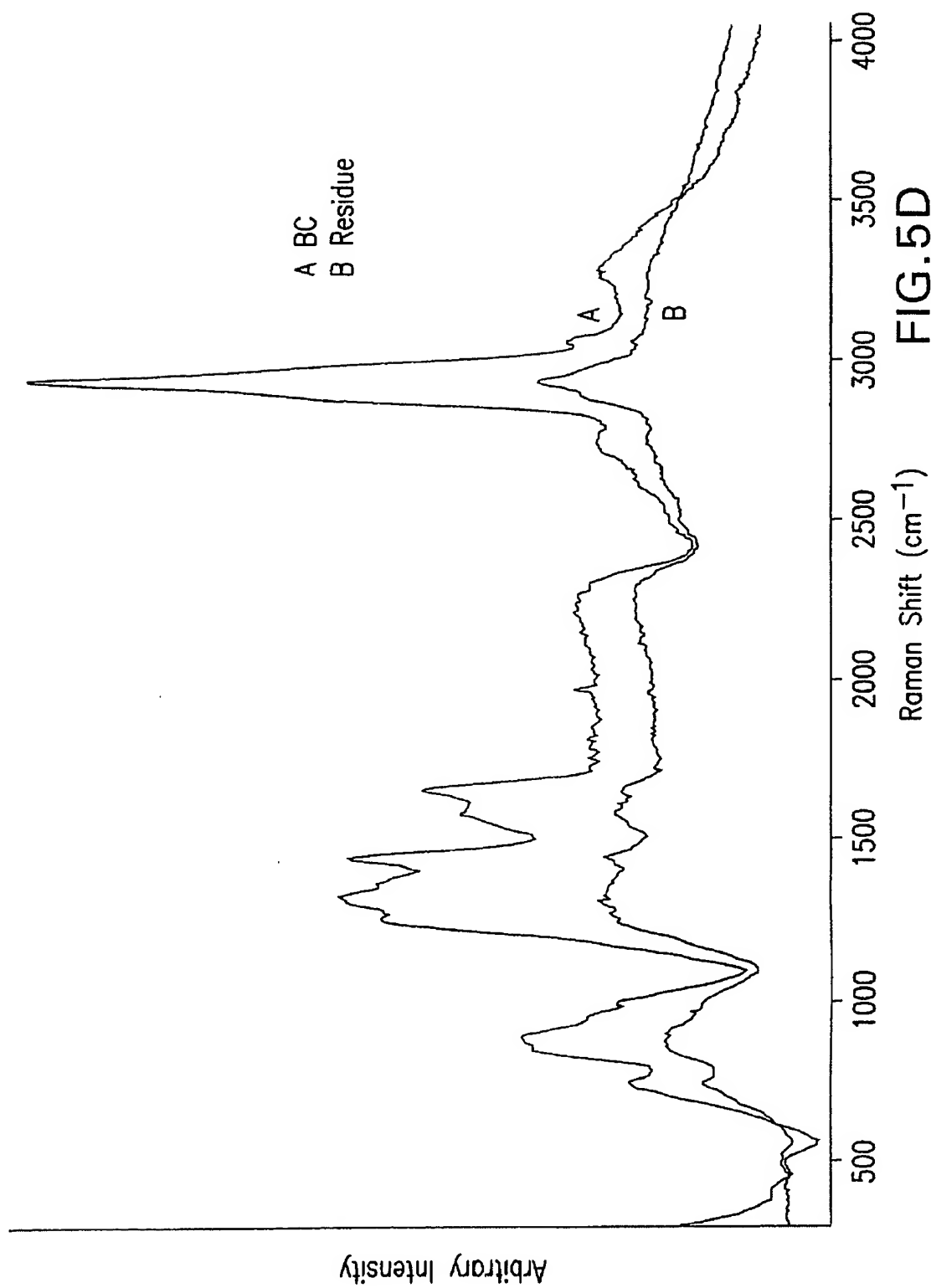
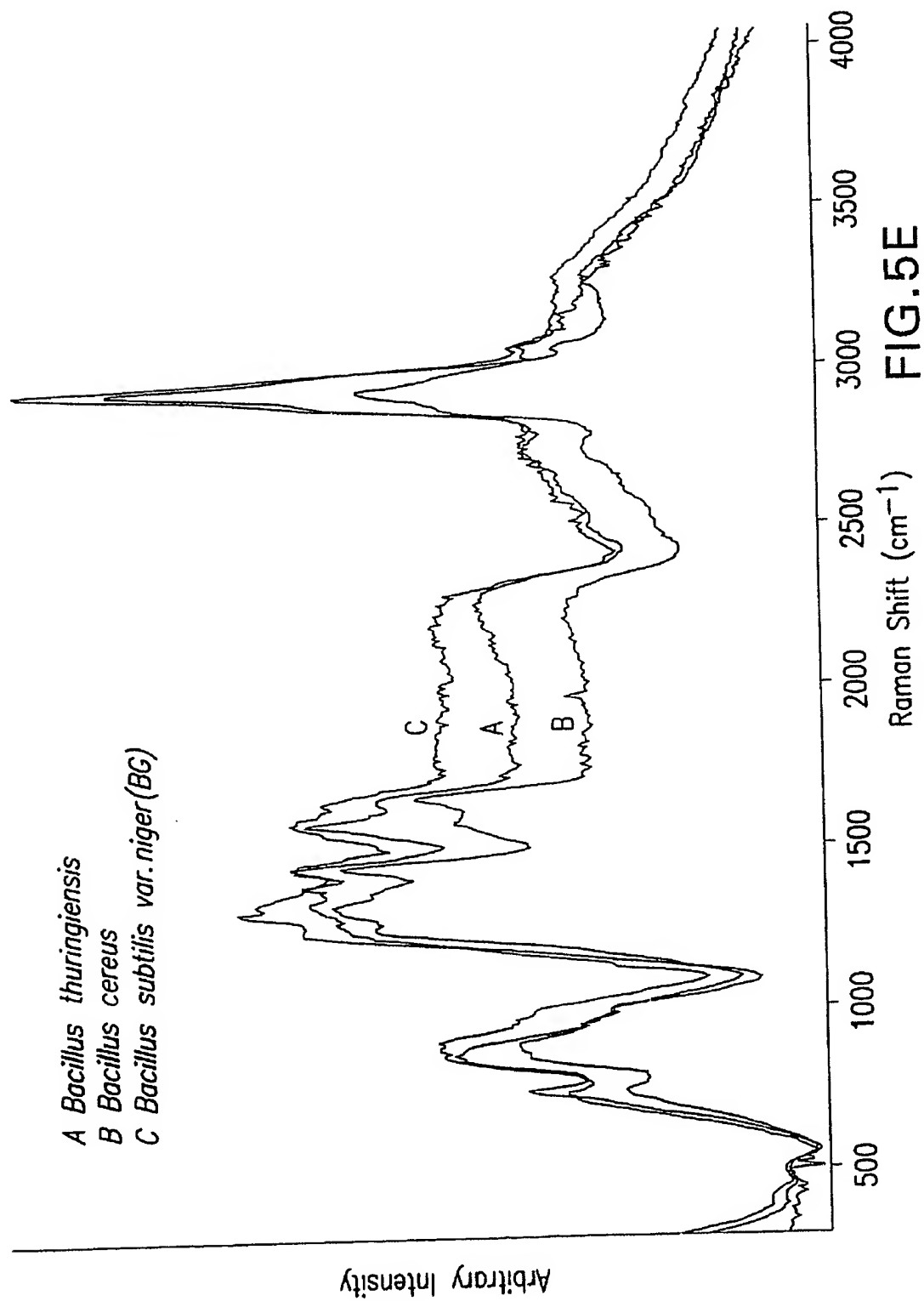
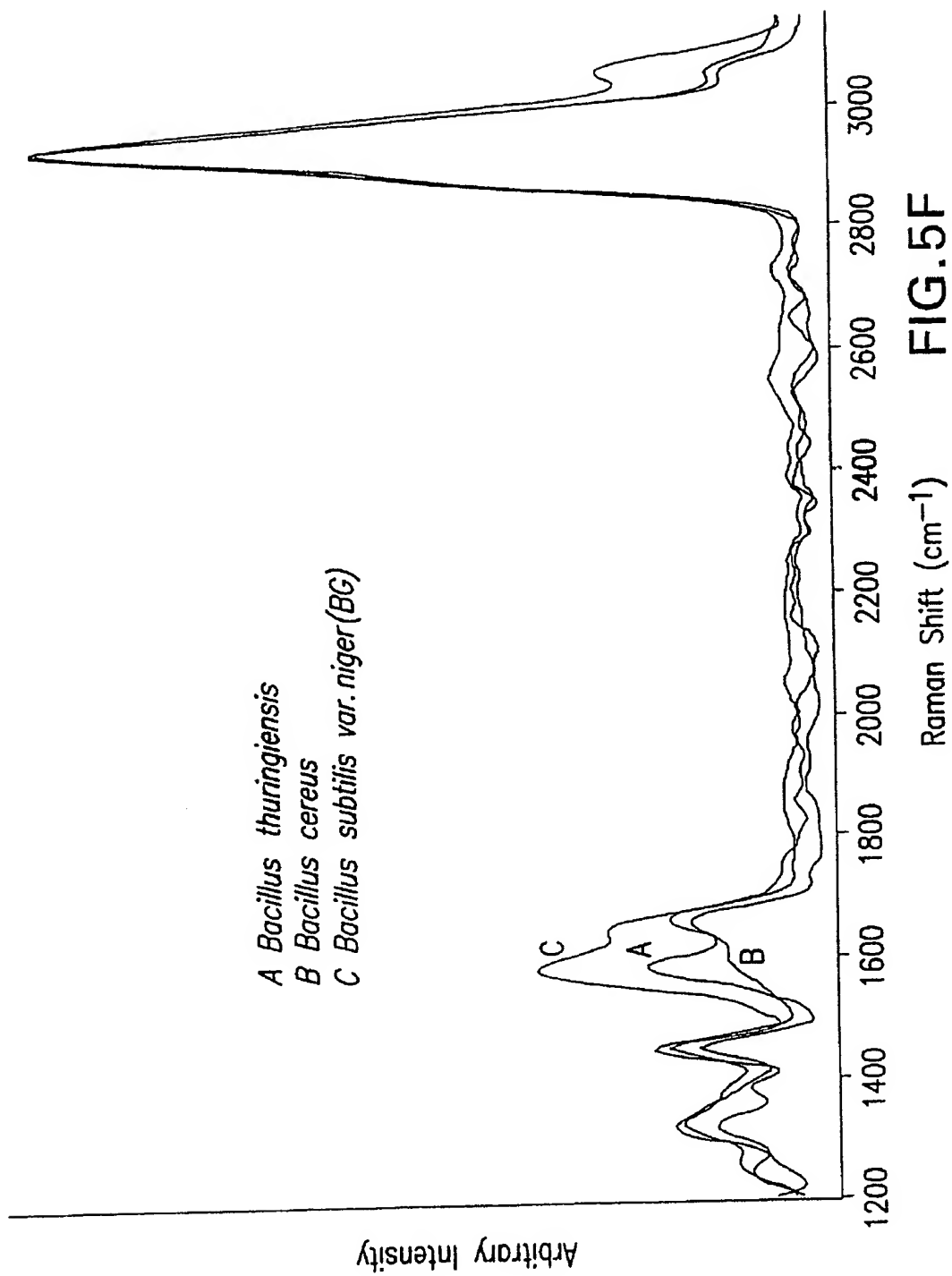


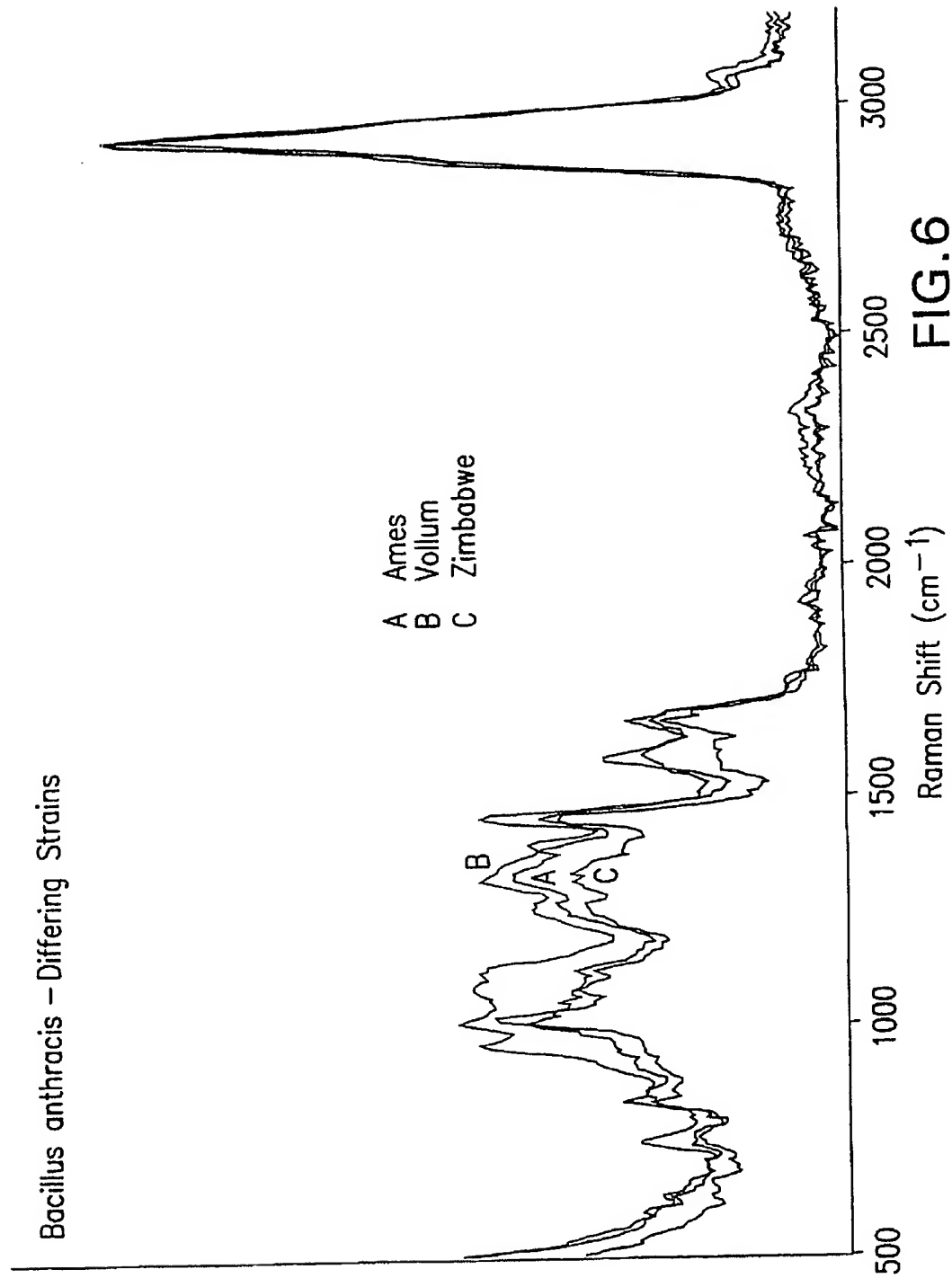
FIG. 5B











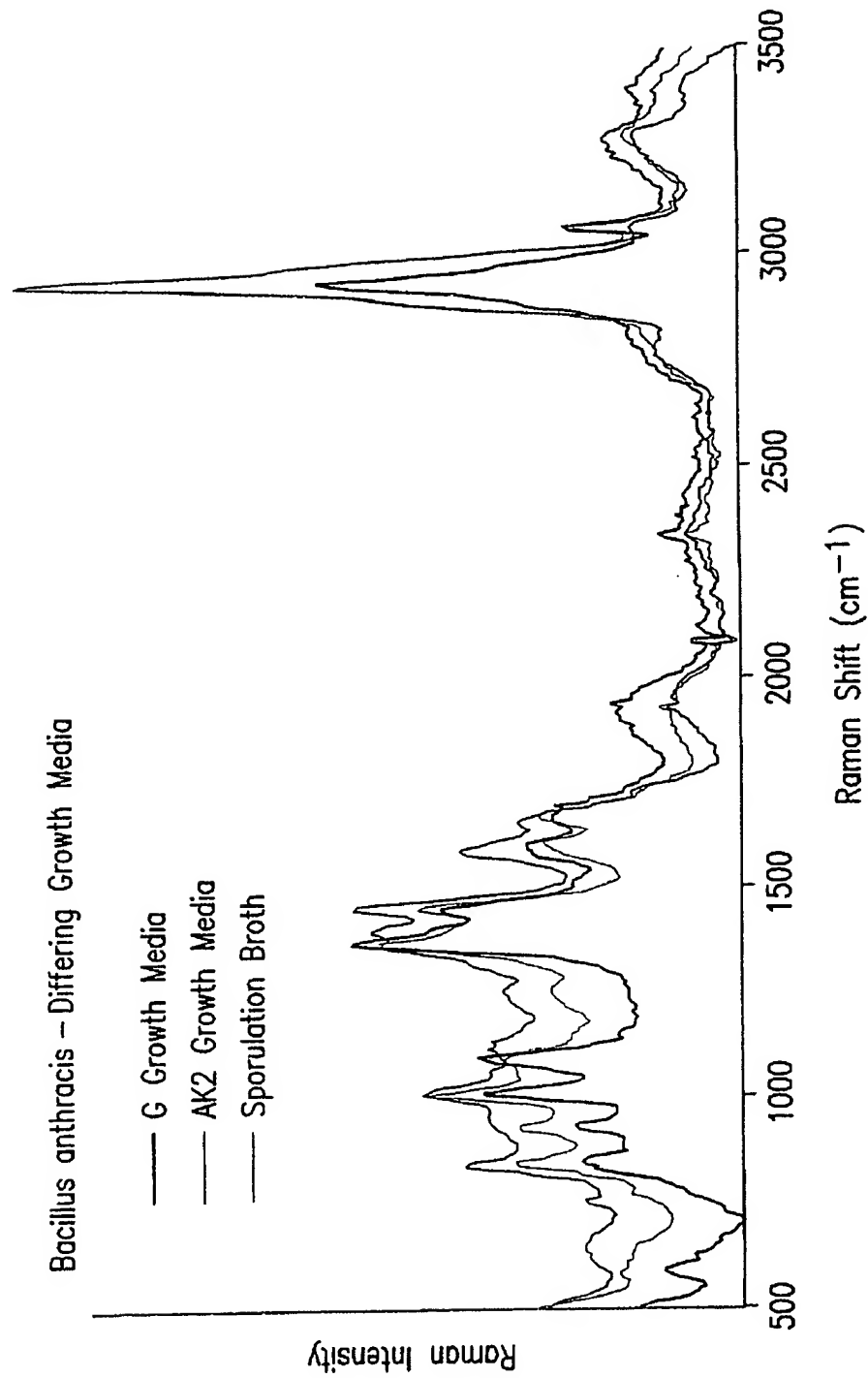


FIG. 7

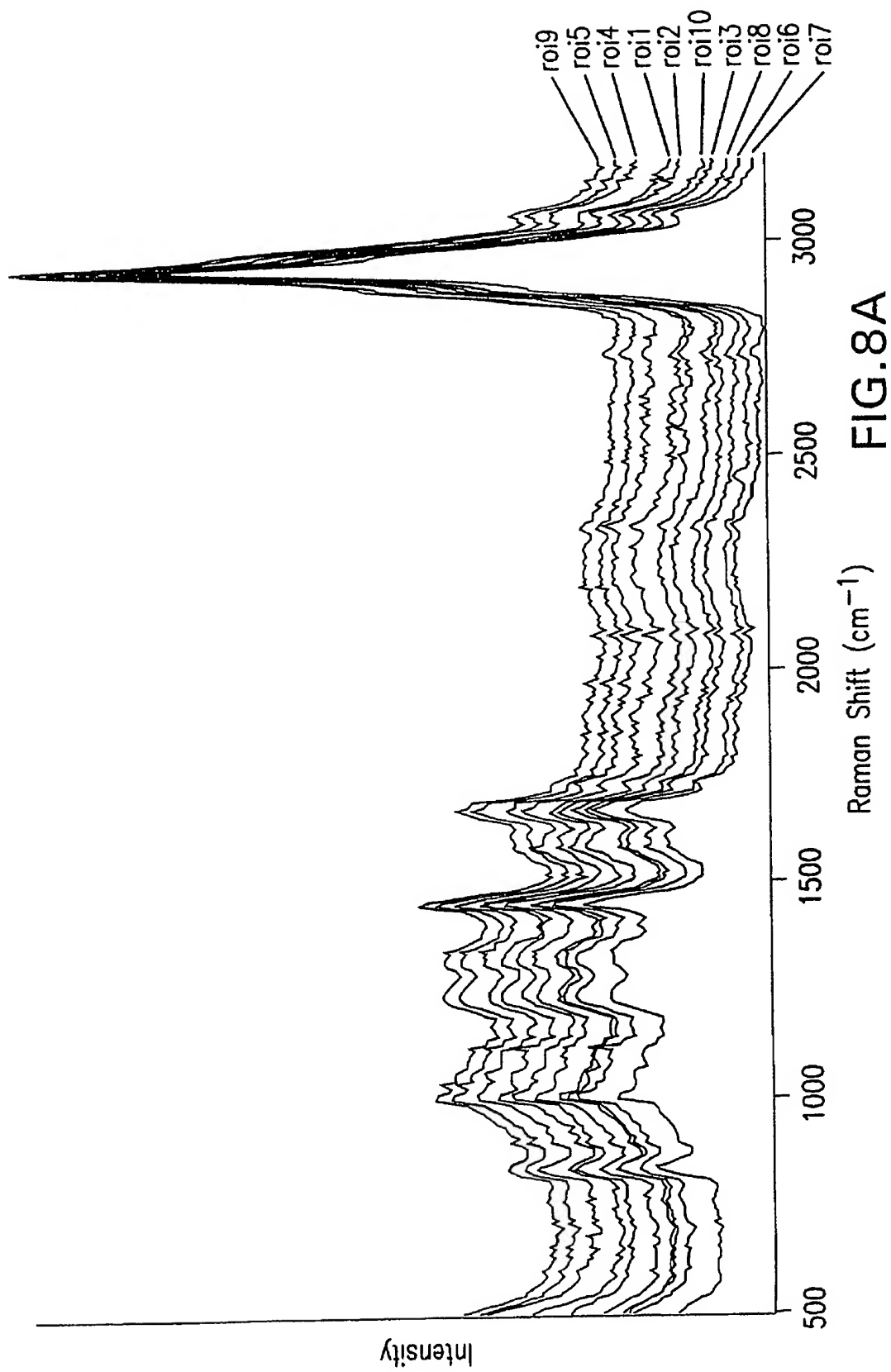


FIG. 8A

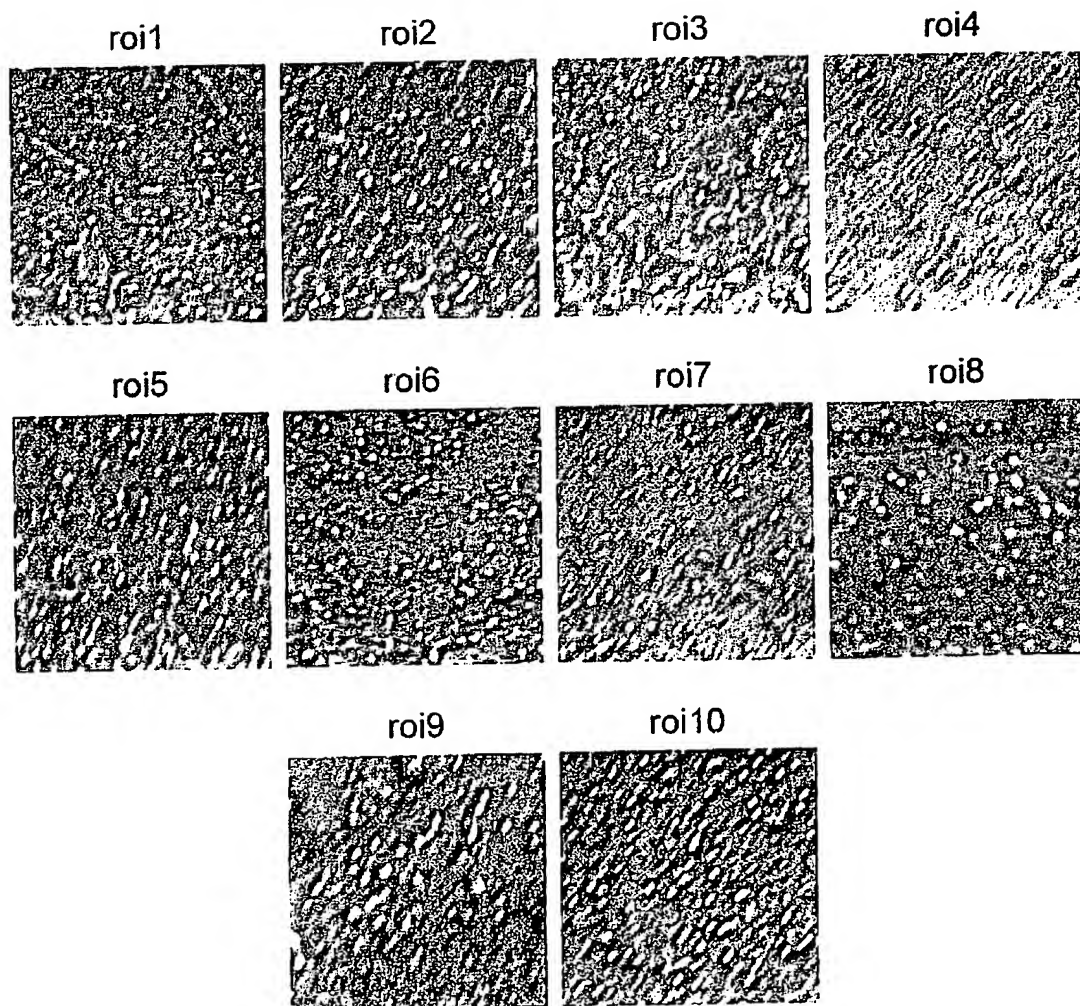


FIG.8B

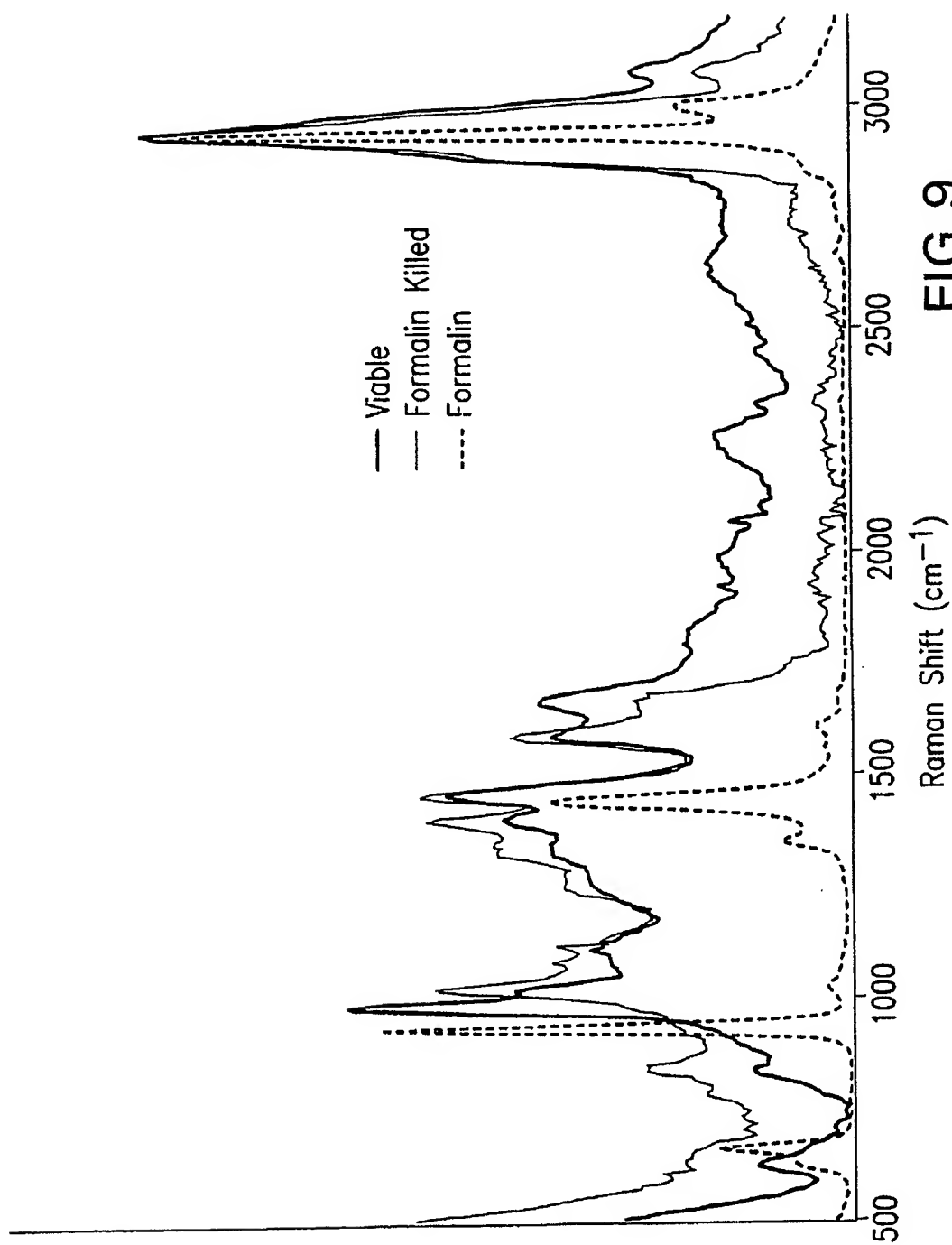


FIG.9

Fluorescence/Brightfield
Image Overlay

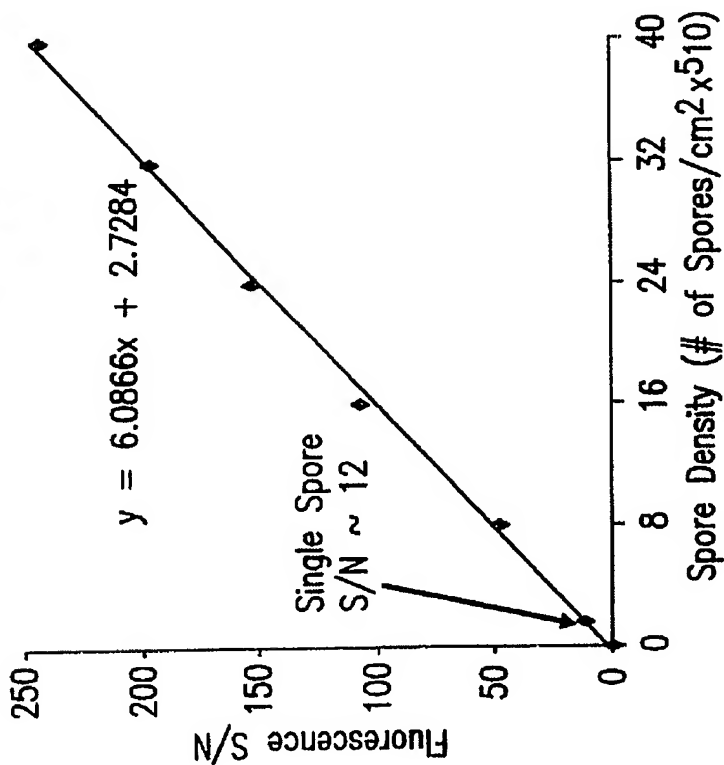
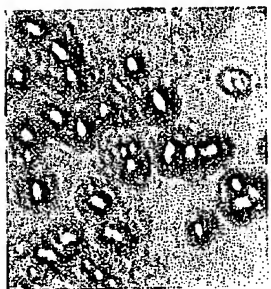


FIG. 10A

Raman/Brightfield
Image Overlay

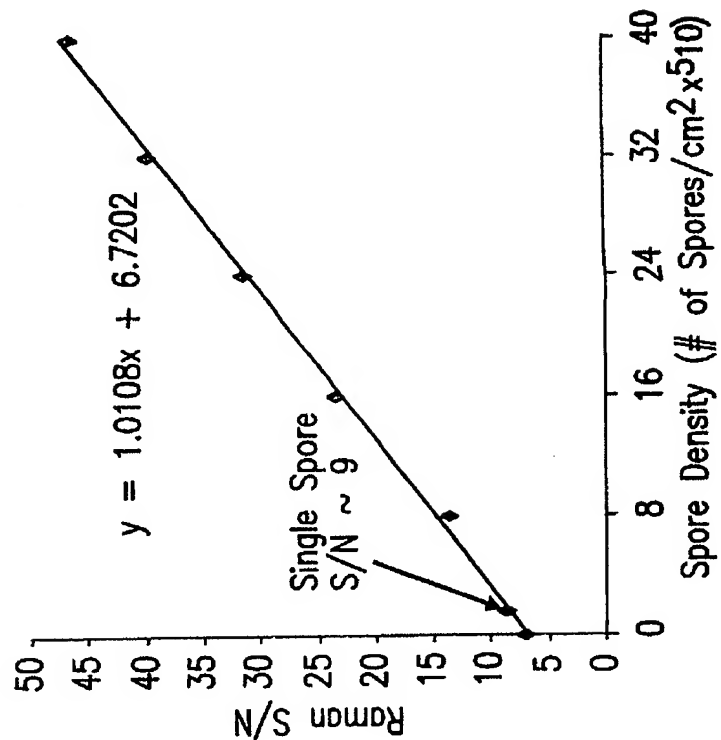
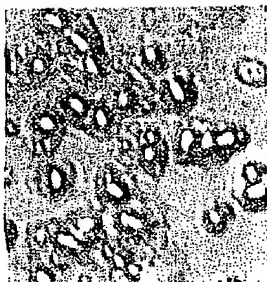


FIG. 10B

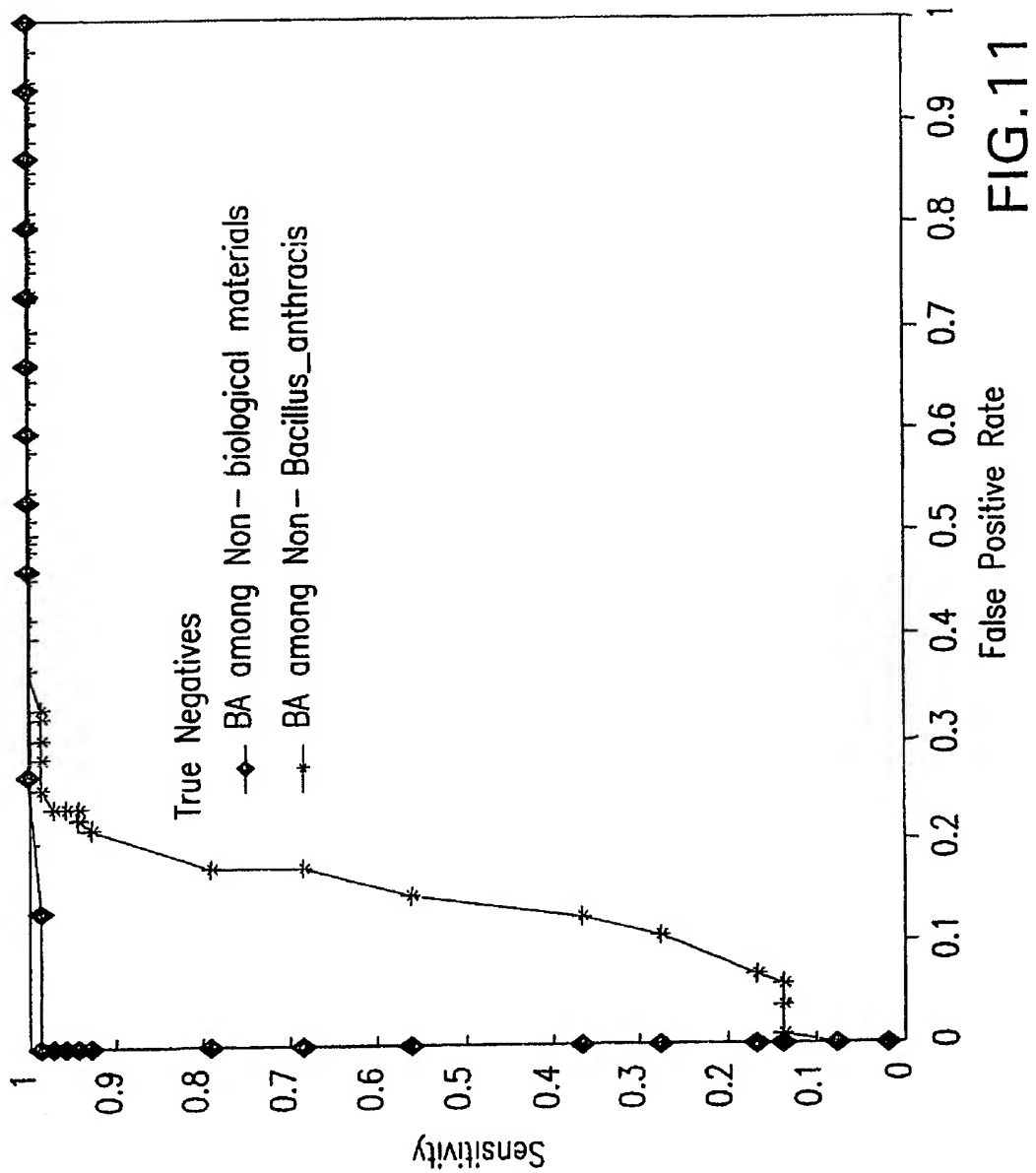


FIG. 11

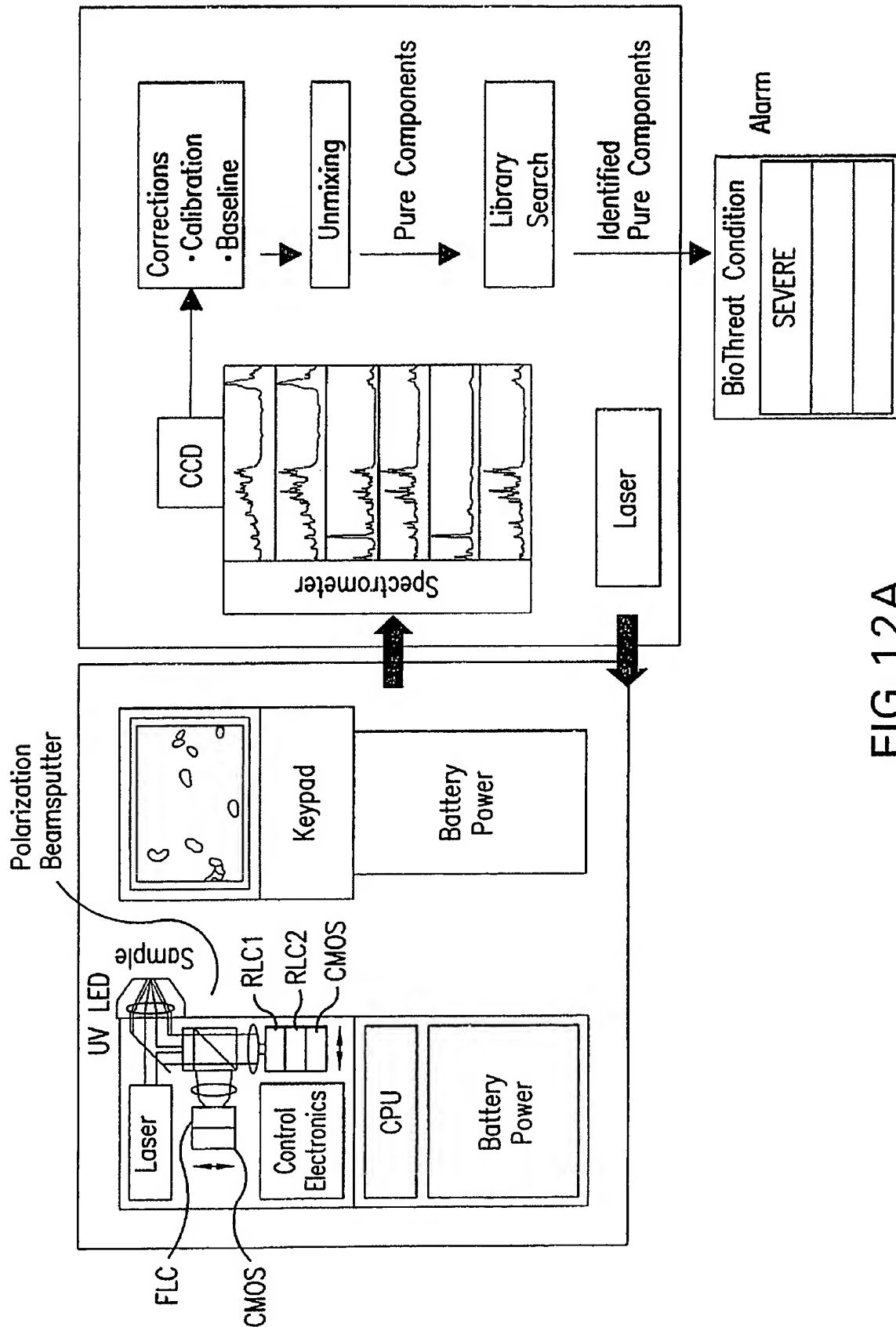


FIG. 12A

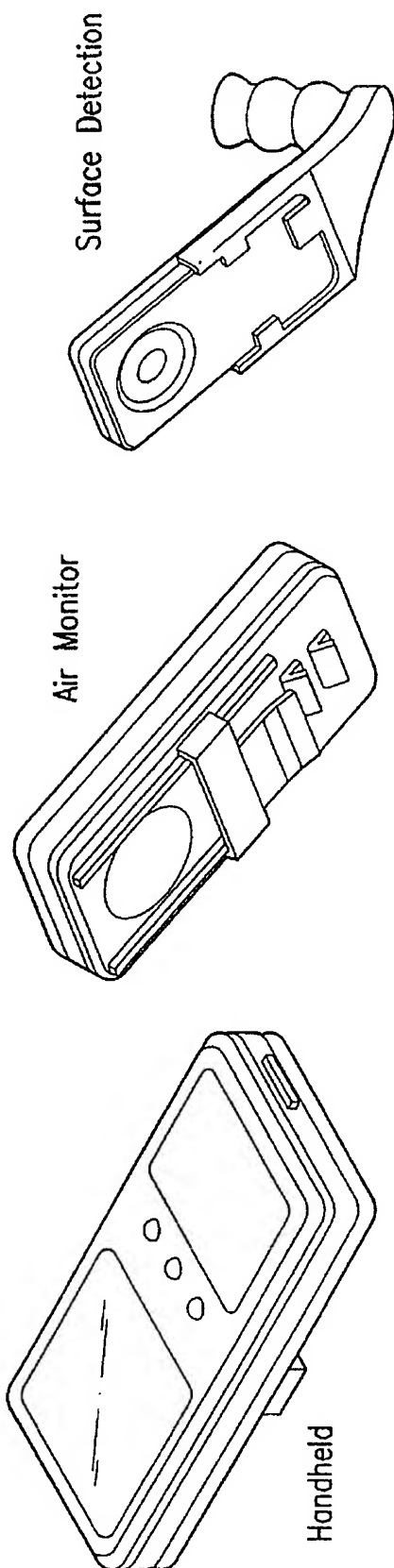


FIG. 12B